

YELLOW HEAD.

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: High Mounted Cargo Basket Assembly Part #: 60630-01
Approval #: SH00-48 Serial #: 60603-01
WO #: 2007-03 Quantity: 1
Eligibility: Bell 407 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

12 JAN 07
Date

S. FATEP
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Mounting Plate Part #: 60646-01
Approval #: SH00-48 Serial #: --
WO #: 2007-03 Quantity: 4
Eligibility: Bell 407 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

12 JAN 07
Date

S. FATEP
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Handle Assembly Part #: 36261-01
Approval #: SH00-48 Serial #: --
WO #: 2007-03 Quantity: 1
Eligibility: High Mounted Cargo Basket 60630-01 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

12 JAN 07
Date

S. FATEP
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Lid Brace

Part #: 36280-01

Approval #: SH00-48

Serial #: --

WO #: 2007-03

Quantity: 1

Eligibility: Bell 206L/407 Cargo Baskets

Work Status: Manufactured

Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

12 JAN. 07

Date

S. Fazio

Inspector's Signature

WORK ORDER 2007-03

Date opened: 12 January, 2007

Project: High Mounted Cargo Basket
Type: Bell 407

Batch Quantity: 1 Basket & Mounting Plates (no beams req'd)

Approval: SH00-48
Drawing List: DCL606-1, DCL492-1

<u>Fabrication and Assembly Drawing(s)</u>	<u>Description</u>
60630, Revision 0	Cargo Basket Assembly
60631, Revision 0	Cargo Basket Body
60632, Revision 0	Cargo Basket Lid
36255, Revision 1	Handle Installation
36261, Revision 1	Handle Bar Ass'y
36262, Revision 1	Handle Bracket Ass'y
60603, Revision 0	Cargo Basket Installation

Complete material tracking information on attached pages.

Work Order pre-completion Inspection:

Project is on Approval Limitation Record:

Y ✓

Document Control List revision level matches (or exceeds) STC:

Y ✓

Drawings revision levels match Document Control List:

Y ✓

Purchase order or Work order source is recorded for each part/ass'y:

Y ✓

Tests and inspections specifically called out on drawings are complete:

Y ✓


Release tags associated with all fabricated parts are attached:

Y ✓

All mounting hardware and supplies are included:


Y ✓

List all non-conformities raised: _____


Inspector Signature:12 JAN. 07
Date:

Drawing: 60630, Revision 0
Assembly: 60630-01 High Cargo Basket Assembly

Qty	Part #	Description	Material	P.O./W.O.	Checked
1	60630-01	Cargo Basket Assembly			
1	60631-01	Basket Body Assembly	Below		
1	60632-01	Basket Lid Assembly	Below		
1	36255-01	Handle Bar Installation	Below		
1	36280-01	Brace Assembly	9-2081 Brace	5034	
1	MS20001P4	Piano Hinge		6067	
1	60645-01	Placard	3M Scotchcal Vinyl	6036	
3	49205-14	Bumper	Argus Industries Bumper	6038	
50	CR3213-4-02	Cherry Rivet		6035	
1	AN3-15A	Bolt		6016	
1	AN3-17A	Bolt		6066	
4	AN960-10	Washer		6043	
2	AN970-3	Washer		5026	
2	MS21044N3	Nut		6016	

Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 60631 Revision 0
 Assembly: 60631-01 High Cargo Basket Body Ass'y

Qty	Part #	Description	Material	P.O./W.O.	Checked
1	60631-01	Basket Body Assembly			
1	60641-01	End Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	60644-01	Lug	1018 Mild Steel, 5/8" Rod	951108	
1	60642-01	Attachment Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	69823-02	Lug	1018 Mild Steel, 5/8" Rod	951108	
4	60648-01	Hoop	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
2	60640-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
5	60643-01	Spine	4130 Steel, 1/2" x 0.035 Sqr. Tube	6026	
1	36262-01	Handle Bracket Assembly	Below		
1	49215-01	Spacer	1018 Steel, 1/2" Rod	951108	
A/R	3/4-16F	Mesh	Expanded carbon steel	6007	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		<i>Pavilmy</i>
Powder Coat	Drawing 60631			<i>SS</i>
Final Inspection	Drawing 60631			<i>O. J.</i>

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 60632 Revision 0
 Assembly: 60632-01 High Basket Lid Ass'y

Qty	Part #	Description	Material	P.O./W.O.	Checked
1	60632-01	Basket Lid Assembly			
2	60640-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
2	49212-01	Rim	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
3	49213-01	Lid Brace	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
1	49216-01	Spacer	1018 Steel, 1/2" Rod	951108	
1	36262-01	Upper Handle Bracket Assembly	Below		
1	36204-10	Placard Bracket	1018 Steel, 0.035" Sheet	9516042	
A/R	3/4-16F	Mesh	Expanded carbon steel	6007	
6	60649-01	Step Brace	4130 Steel, 3/4" x 0.035 Sqr. Tube	6026	
1	60632-10	Tread Plate	3003 Aluminum Tread Plate, 0.063"	6005	

Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		<i>[Signature]</i>
Powder Coat	Drawing 60632			S.K.
Final Inspection	Drawing 60632			S.F.

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36255 Revision 1
Assembly: 36255-01 Handle Installation

Qty	Part #	Description	Material	P.O./W.O.	Checked
1	36255-01	Handle Installation			
1	36261-01	Handle Bar Assembly	Below		
2	36278-01	Spring (1 left, 1 right)	304 Stainless, 1/16" Dia Music Wire	5028	
2	36275-01	Bushing	SAE 660 Bronze, 5/16" Dia	6068	
2	AN3-14A	Bolt		6071	
4	AN960-10	Washer		6043	
2	MS21044N3	Nut		6016	



Processes	Per	Mat'ls Used	Inspection	Signature
Final Inspection	Drawing 36255			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36261 Revision 1
Assembly: 36261-01 Handle Bar Assembly

Qty	Part #	Description	Material	P.O./W.O.	Checked
1	36261-01	Handle Bar Assembly			
1	36277-01	Handle Bar	316 Stainless, 1.0 x 0.035 Rnd. Tube	6006	
2	36271-01	Lever	304 Stainless, 0.100 Sheet	950702	
2	36274-01	Bushing	304 Stainless, 7/16" x 0.065 Rnd. Tube	2005	
2	36276-01	Hook	6061-T6 Aluminum, 5/16" Dia. Rod.	2009	
2	MS20470AD4-8	Rivet		6070	

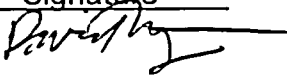
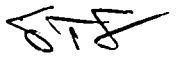
Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod AMS ER70S-2		
Final Inspection	Drawing 36261			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

Drawing: 36262 Revision 1
Assembly: 36262-01 Handle Bracket Assembly

Qty	Part #	Description	Material	P.O./W.O.	Checked
1	36261-01	Handle Bracket Assembly			
1	36272-01	Basket Bracket	4130 Steel, 0.050 Sheet	2019	
2	36273-01	Lid Bracket	4130 Steel, 0.050 Sheet	2019	
2	36275-02	Support	304 Stainless, 5/16" Rod	6003	

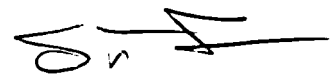
Processes	Per	Mat'ls Used	Inspection	Signature
Welding	AMS 2685C	Welding Rod ER70S-2		
Final Inspection	Drawing 36262			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

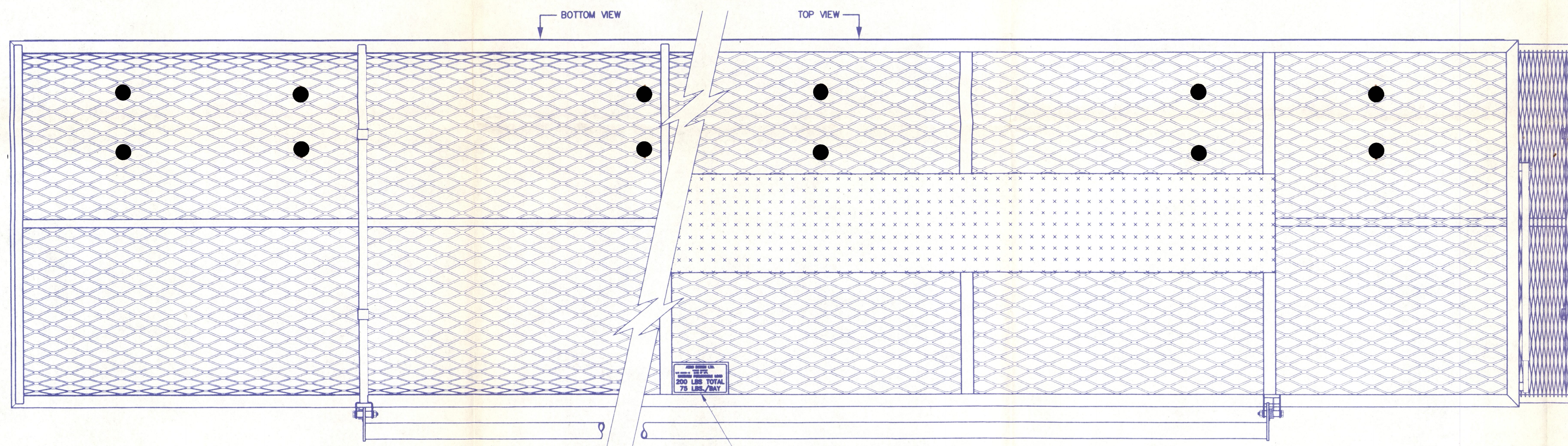
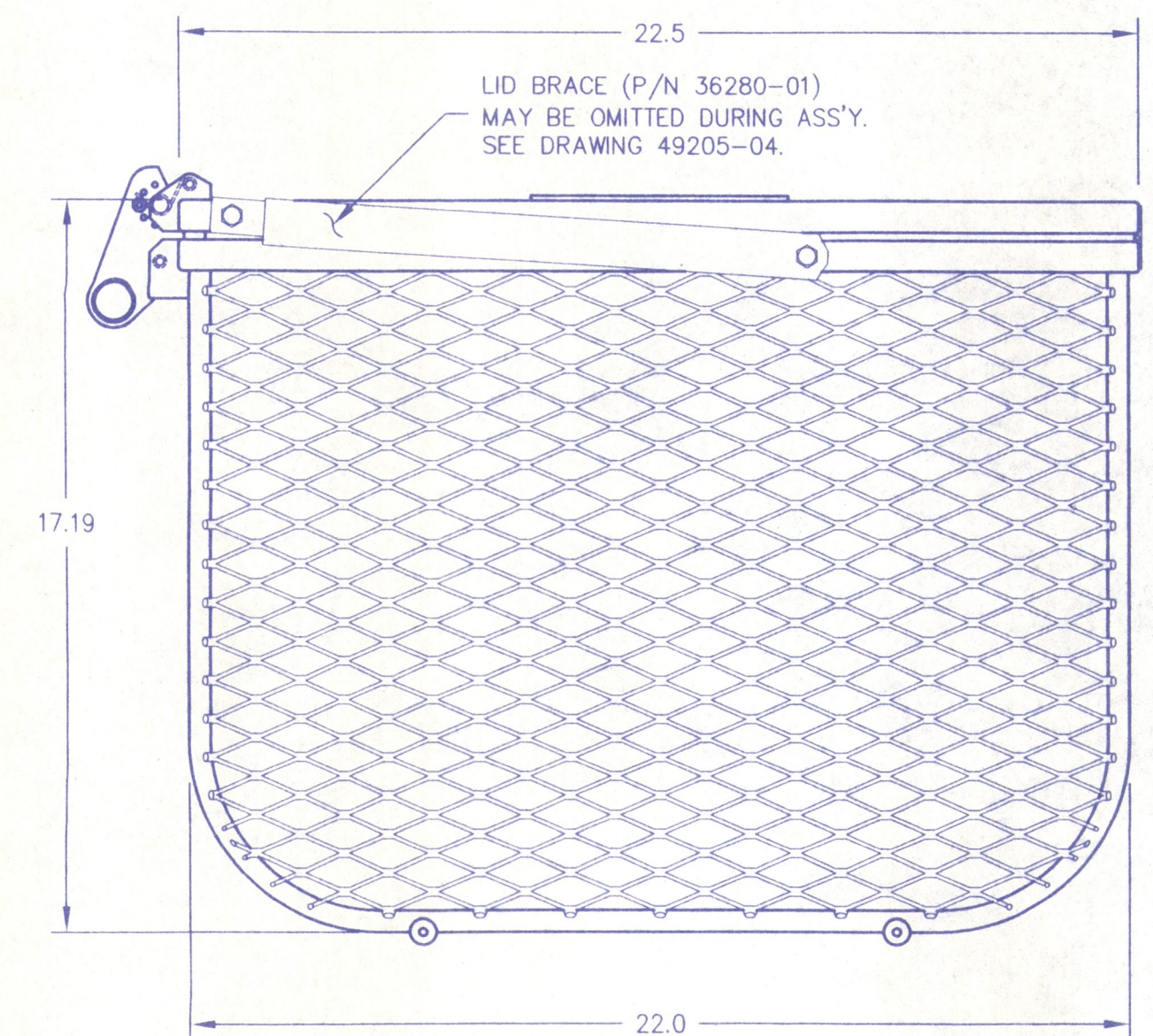
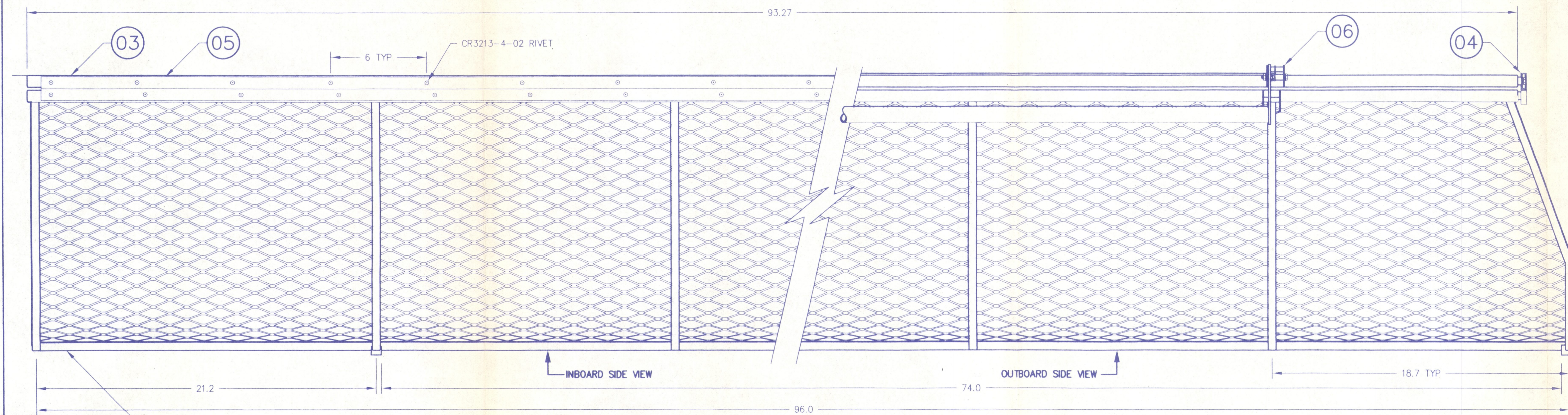
Drawing: 60603 Revision 0
Assembly: 60603-01 Cargo Basket Installation

Qty	Part #	Description	Material	P.O./W.O.	Checked
1	60603-01	Cargo Basket Installation			
1	60630-01	Cargo Basket Assembly	Above		
4	60646-01	Mounting Plate	6061-T6 Aluminum, 1/8" Sheet	5030/5031	
2	60647-01	Bushing	Brass	5051	
4	AN4-16A	Bolt		5039	
8	AN960-416	Washer		6016	
4	MS21044N4	Nut		6016	
4	AN3-15A	Bolt		6016	
8	AN960-10	Washer		6043	
4	MS21044N3	Nut		6016	

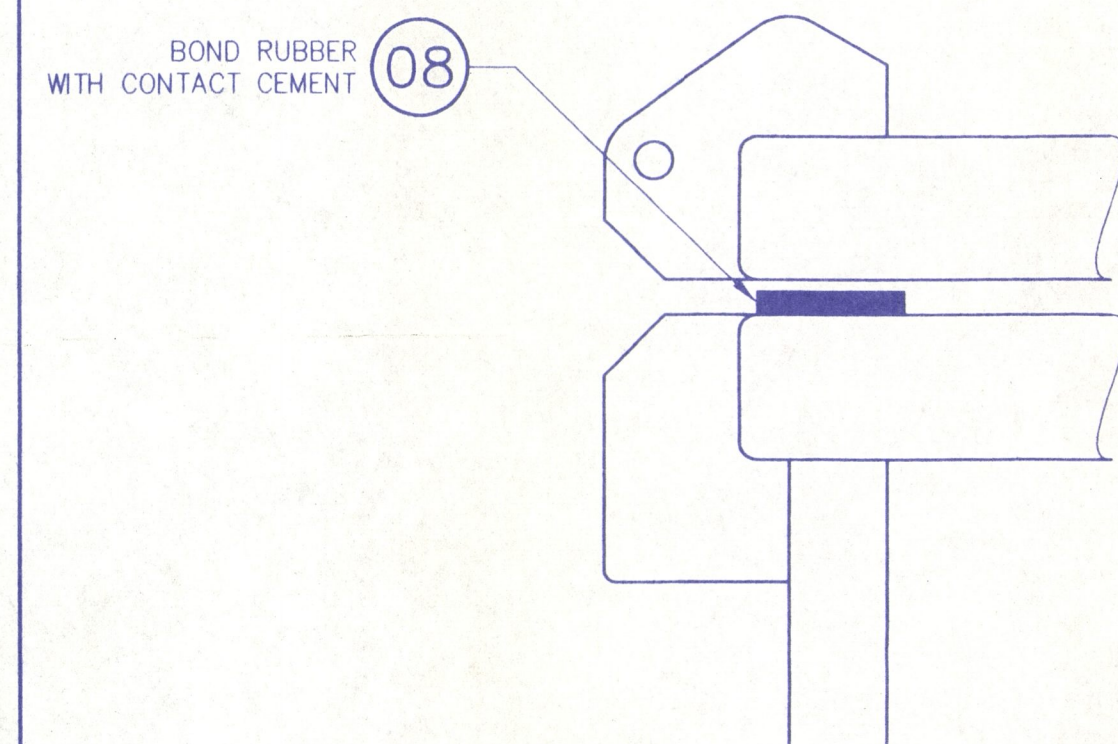
Processes	Per	Mat'l's Used	Inspection	Signature
Final Inspection	Drawing 60603			

Tag incomplete parts with Work Order # when stored between processes.

Tag complete parts / assemblies with Release Tag prior to storage.

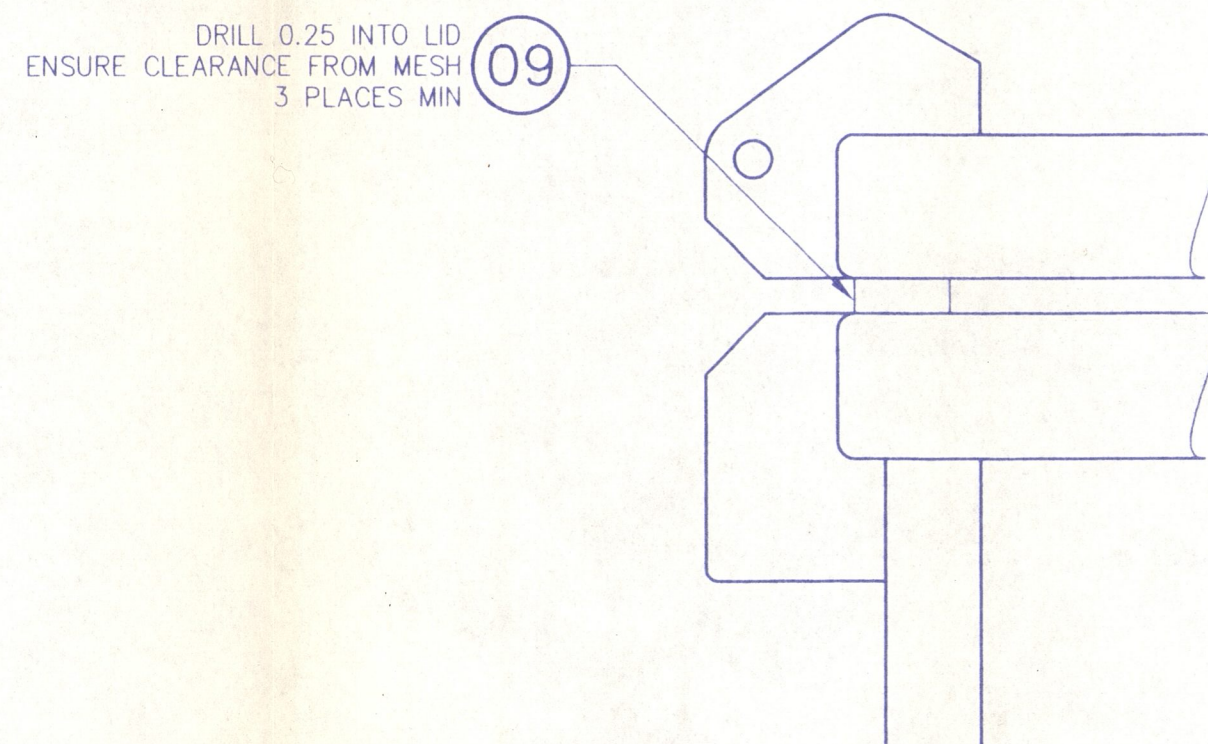


NOTE:
1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.

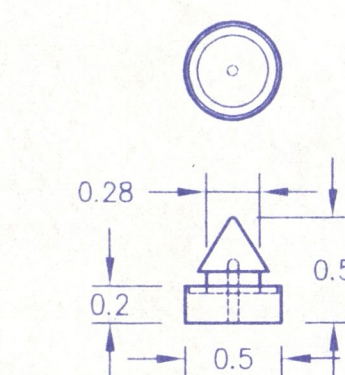


SCALE 1 : 1
ALTERNATE

BUMPER INSTALLATION



SCALE 1 : 1



09 BUMPER
SCALE 1 : 1

01 CARGO BASKET ASSEMBLY

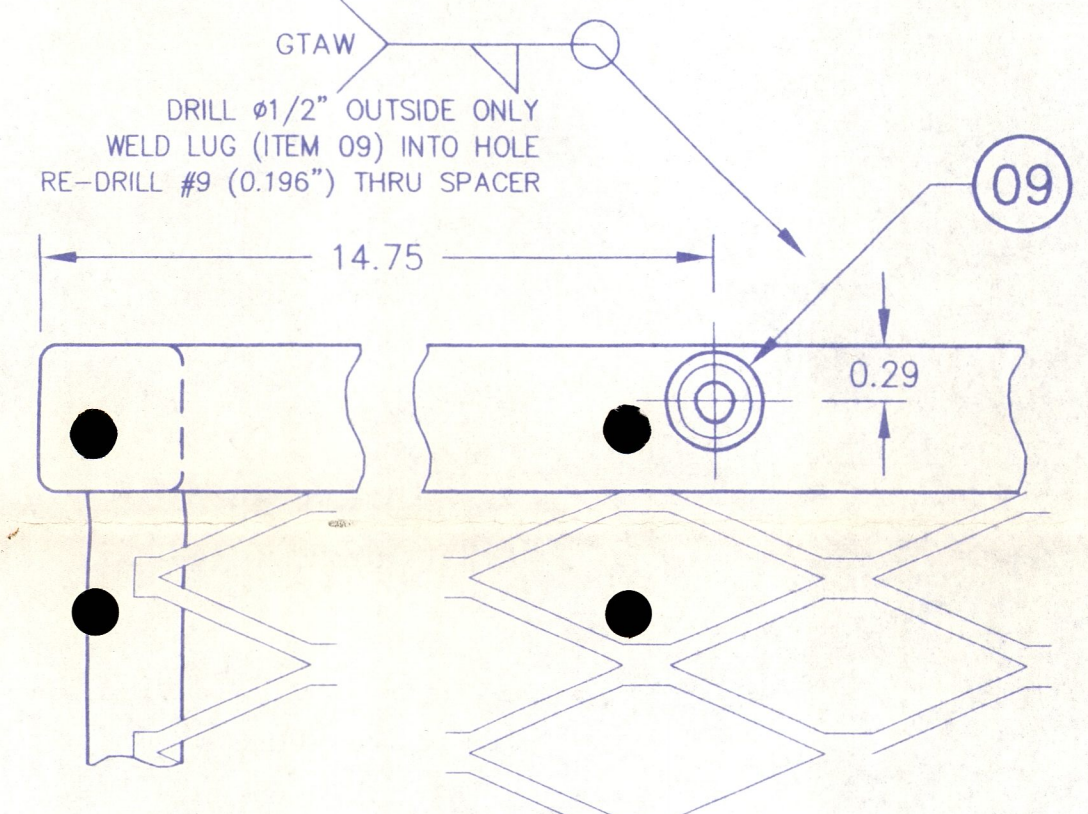
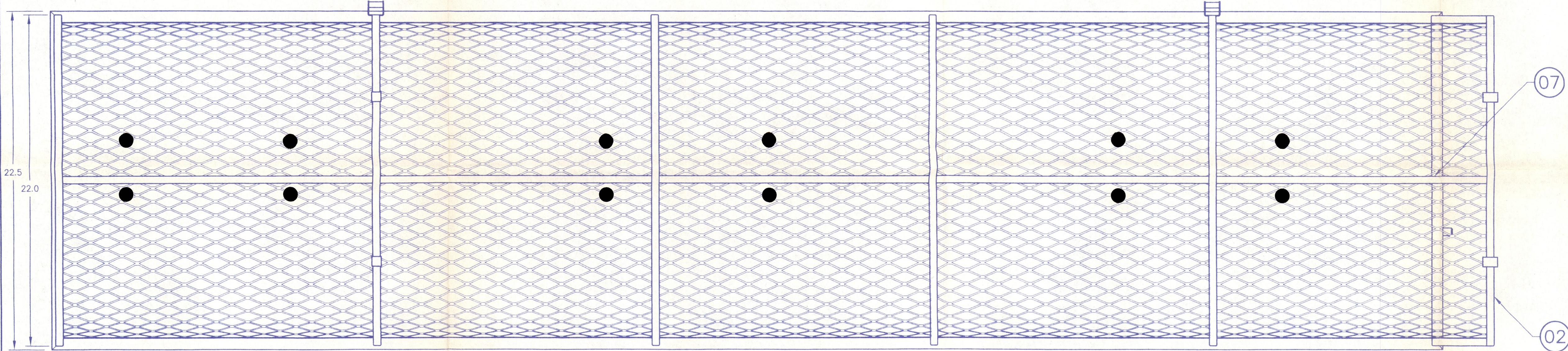
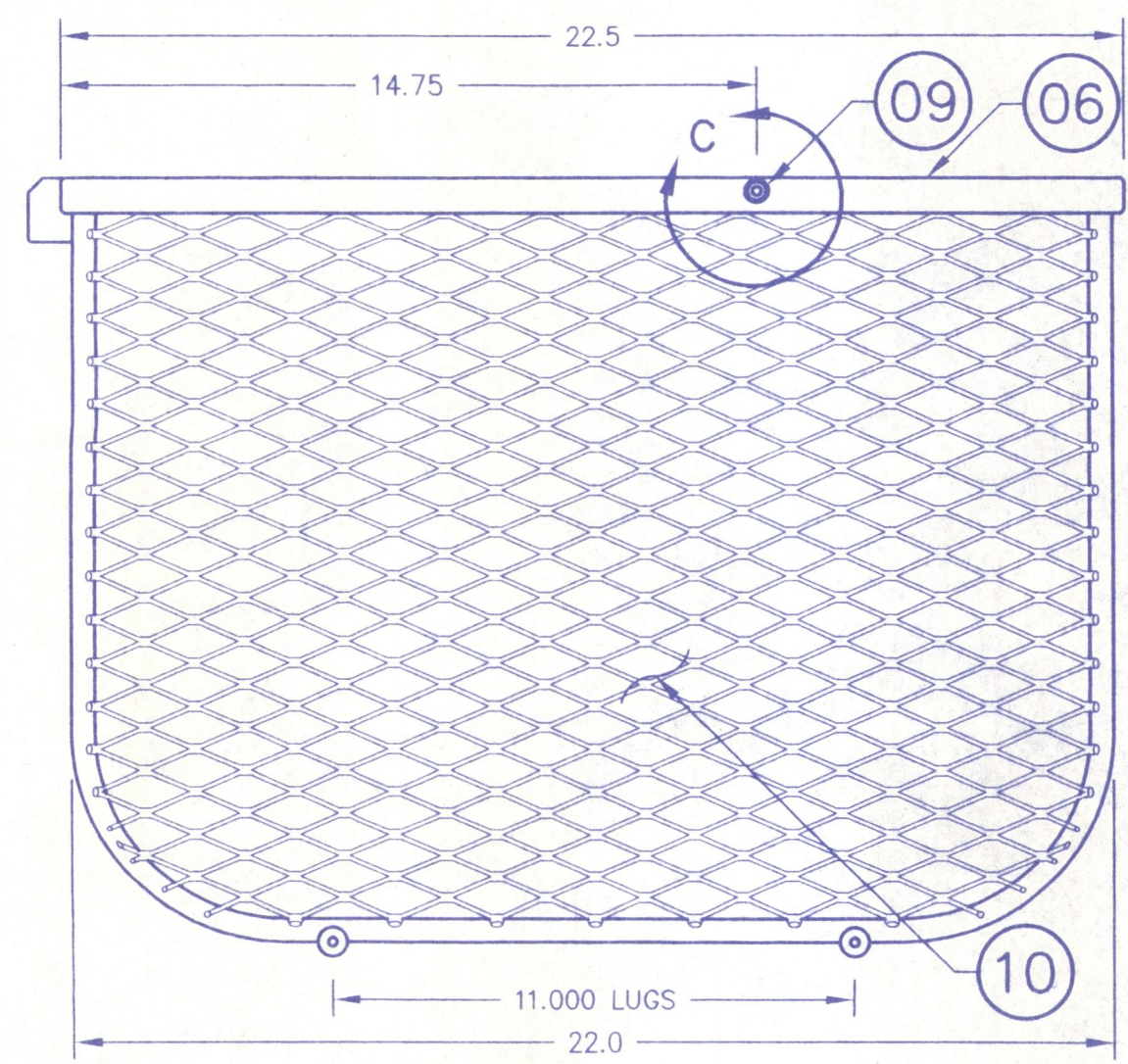
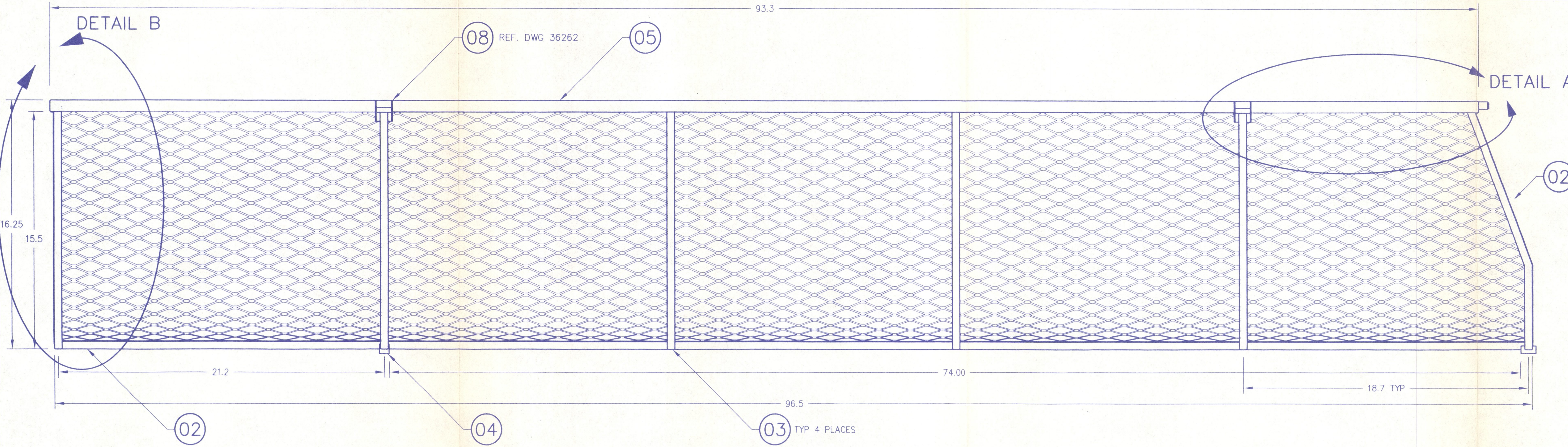
2	MS21044N3	NUT	
A/R	AN960-10L	WASHER	
2	AN3-14	BOLT	
A/R	49205-14	09 BUMPER	ARGUS INDUSTRIES
A/R	49205-13	08 PAD	NEOPRENE RUBBER
1	49218-01	07 PLACARD	
1	36255-01	06 HANDLE BAR INSTALLATION	
1	MS20001P4	05 PIANO HINGE	
1	36256-01	04 BRACE INSTALLATION	
1	60632-01	03 LID ASSEMBLY	
1	60631-01	02 BASKET BODY ASSEMBLY	
1	60630-01	01 CARGO BASKET ASSEMBLY	
QTY.	PART NO.	ITEM	DESCRIPTION
			MATERIAL
LIST OF MATERIALS			

APPROVALS	DATE
DRAWN: JEFF CLARKE	11 AUG 2004
CHECKED: E. BURGON	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1	

AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
BELL 407, 206L SERIES HIGH SIDE MOUNTED CARGO BASKET CARGO BASKET ASSEMBLY			
SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	60630	0

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	BJC	AUG 12/04



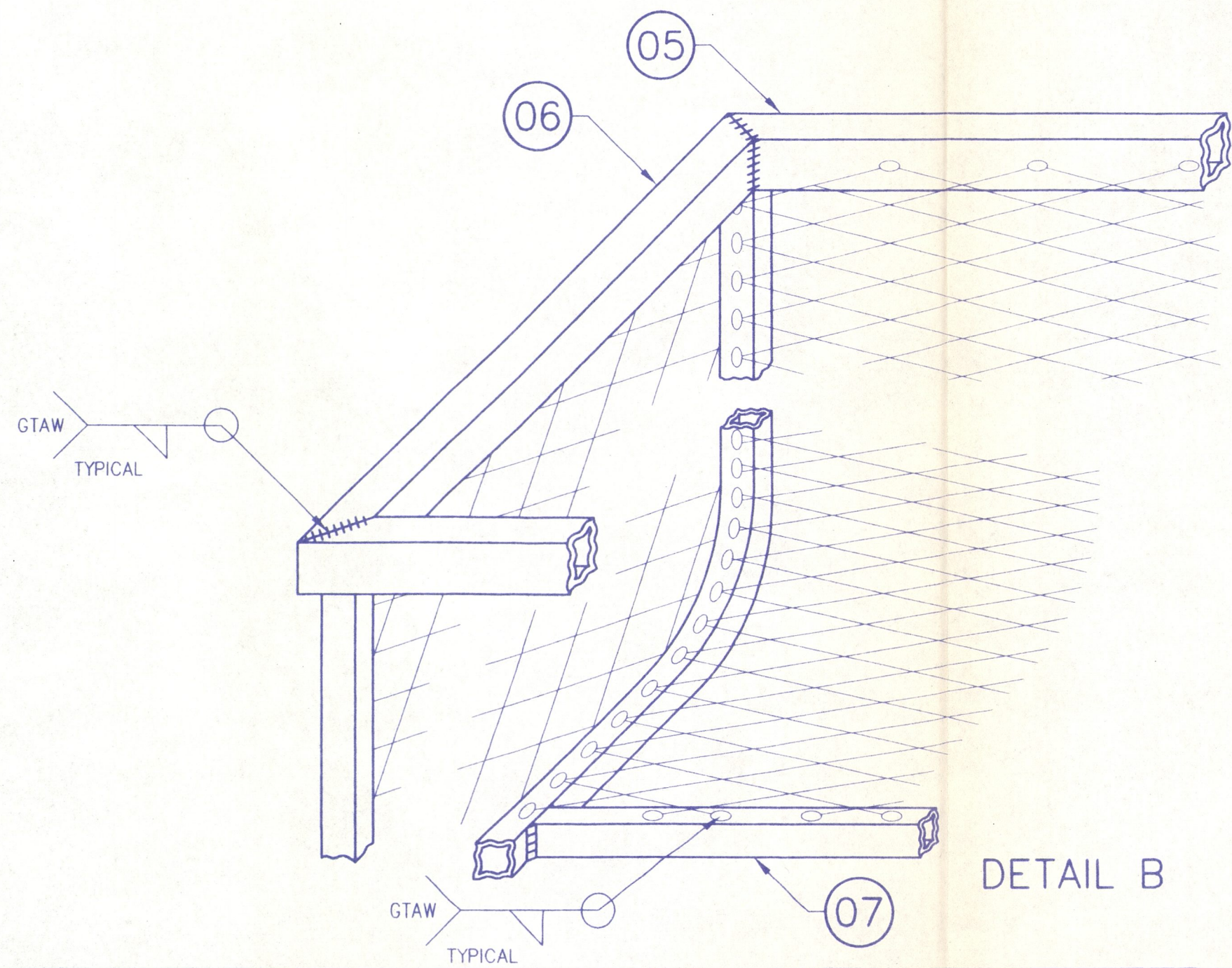
DETAIL C
SCALE 1:1
VIEW LOOKING AT RIM OF BASKET

01 BASKET BODY ASSEMBLY

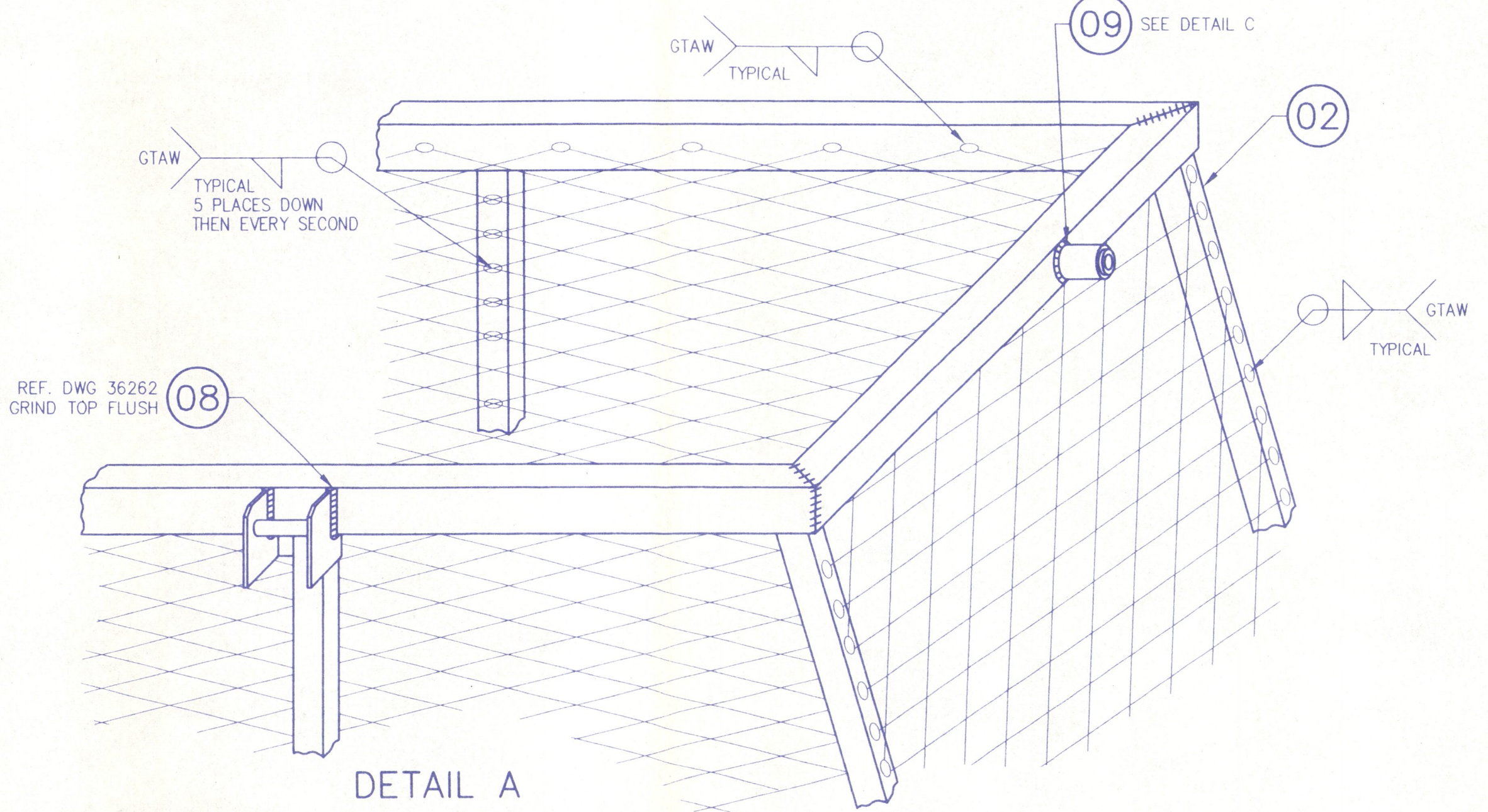
- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
 2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
 3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.

A/R	3/4-16F	10	MESH	4' x 8' SHEET	16 GAUGE
1	49215-01	09	LUG		
1	36262-01	08	HANDLE BRACKET ASS'Y		
5	60643-01	07	SPINE		
2	49212-01	06	RIM		
2	60640-01	05	RIM		
1	60642-01	04	ATTACHMENT HOOP		
4	60649-01	03	HOOP		
1	60641-01	02	END HOOP ASS'Y		
	60631-01	01	BASKET BODY ASSEMBLY		
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.
QTY.	LIST OF MATERIALS				

APPROVALS		DATE		AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
DRAWN: JEFF CLARKE		12 AUG 2004					
CHECKED: E. BURGAIN							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1				BELL 407, 206L SERIES HIGH SIDE MOUNTED CARGO BASKET CARGO BASKET BODY ASSEMBLY			
SCALE 1 : 4		DWG. SIZE		DWG. NO.		REV.	
SHEET 1 OF 1		A1		60631		0	



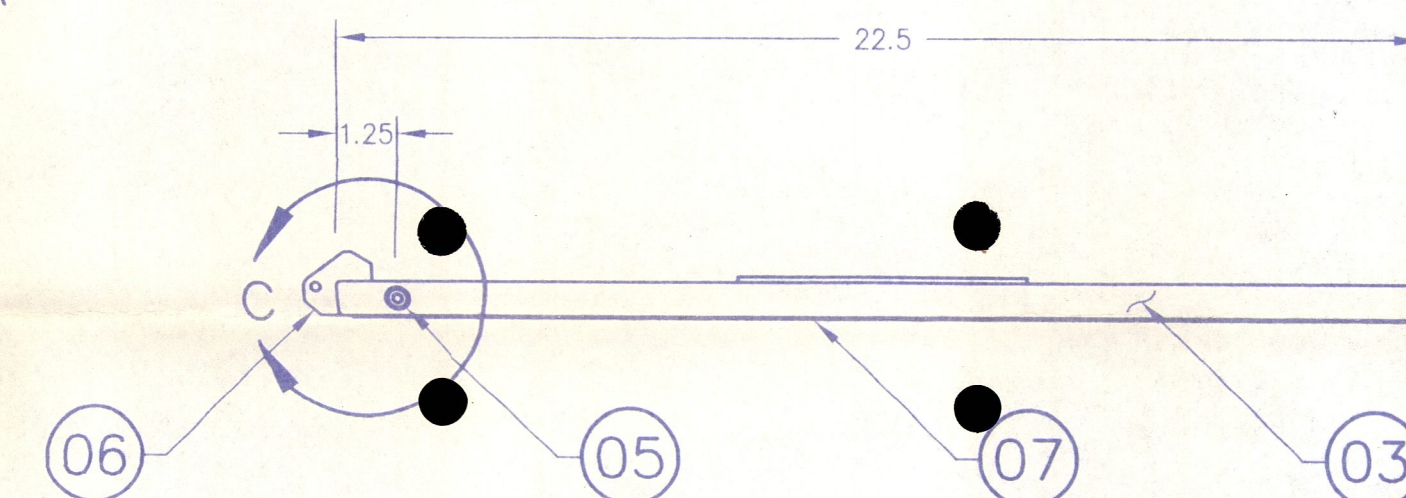
DETAIL B



DETAIL A

E:\6_005\Job_60631\60631_0.dwg Tue Feb 01 08:55:13 2005 Plot by BJC

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		



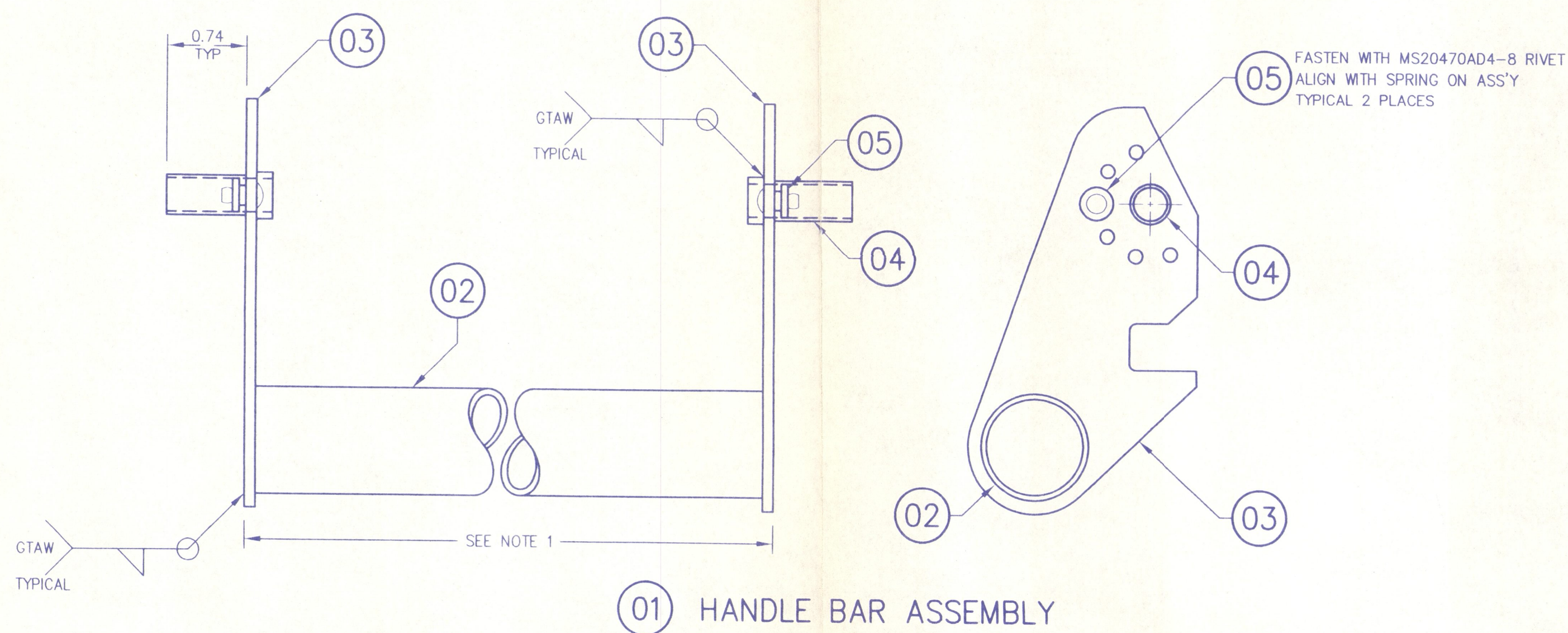
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



QTY.	LIST OF MATERIALS
------	-------------------

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		BELL 407, 206L SERIES HIGH SIDE MOUNTED CARGO BASKET CARGO BASKET LID ASSEMBLY				
DECIMALS	ANGLES	SCALE 1 : 4		DWG. SIZE	DWG. NO.	REV.
X.XXX ±0.010	±1/2°	SHEET 1 OF 1		A1	60632	0
X.XX ±0.03						
X.X ±0.1						

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	LOW BASKET CONFIGURATION	STF	JUN 03/04



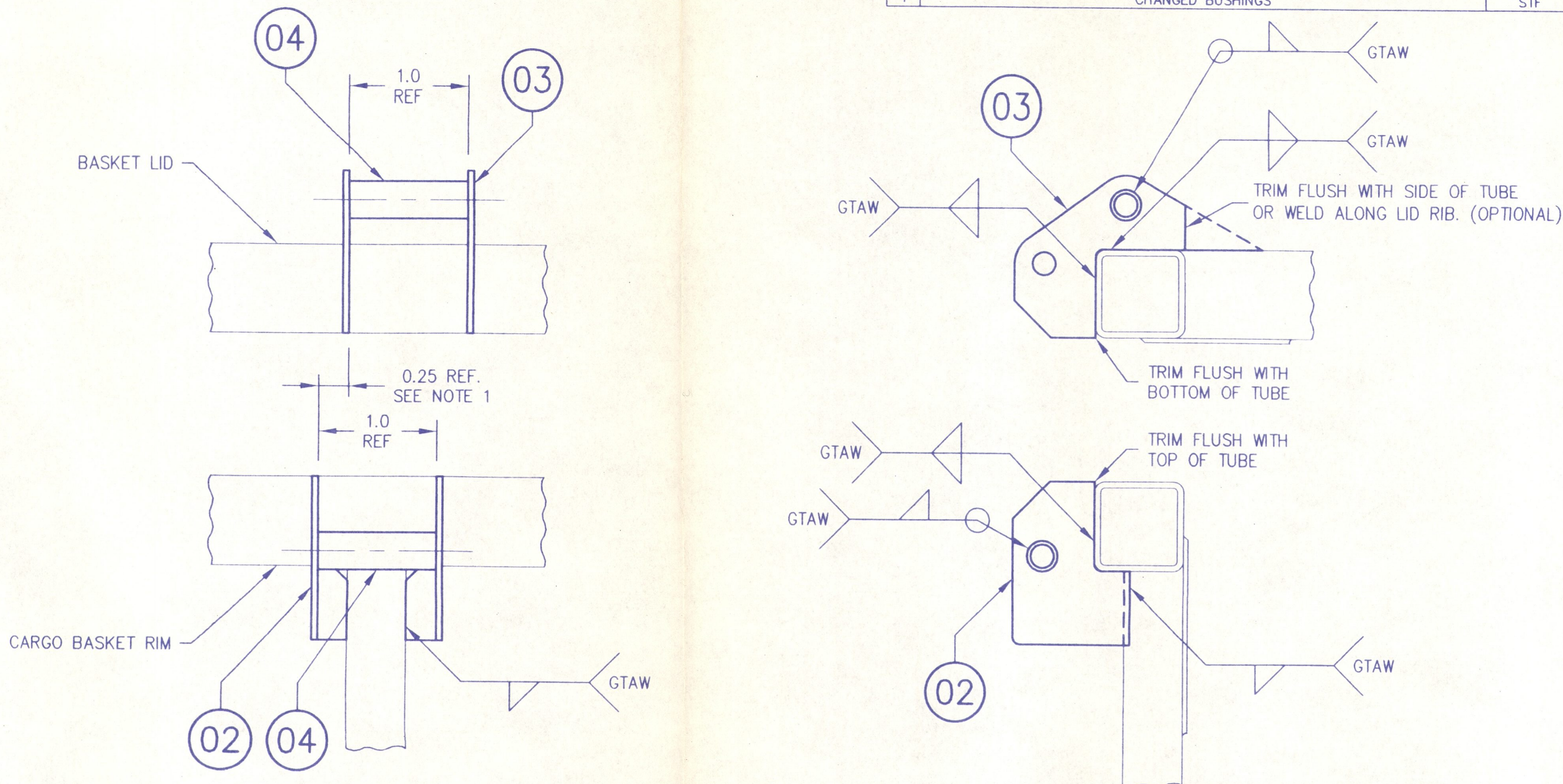
- NOTES:
- LENGTH OF HANDLE TO BE DETERMINED AS APPROPRIATE TO BASKET TYPE.
 - REMOVE ALL BURRS AND SHARP EDGES.
 - WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ER308L ROD.

HIGH-MOUNTED BELL 407:	62.25" (REF.)
LOW-MOUNTED BELL 206L & 407:	36.50" (REF.)
BELL 206B:	16.0" (REF.)
AEROSPATIALE AS350:	56.75" (REF.)

QTY	PART NO.	ITEM	DESCRIPTION
2	36276-01	05	HOOK
2	36274-01	04	BUSHING
2	36271-01	03	LEVER
1	36277-01	02	HANDLE BAR
01	36261-01	01	HANDLE BAR ASSY

APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: STEVEN FAHEY	MAR 17/03	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED: E. BURGOIN	MAY 01/03	2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
DECIMALS		ANGLES			
X.XXX ±0.010		±1/2°			
X.XX ±0.03					
X.X ±0.1					
SCALE 1 : 1		DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 1		A3	36261	1	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	CHANGED BUSHINGS	STF	JUN 03/04

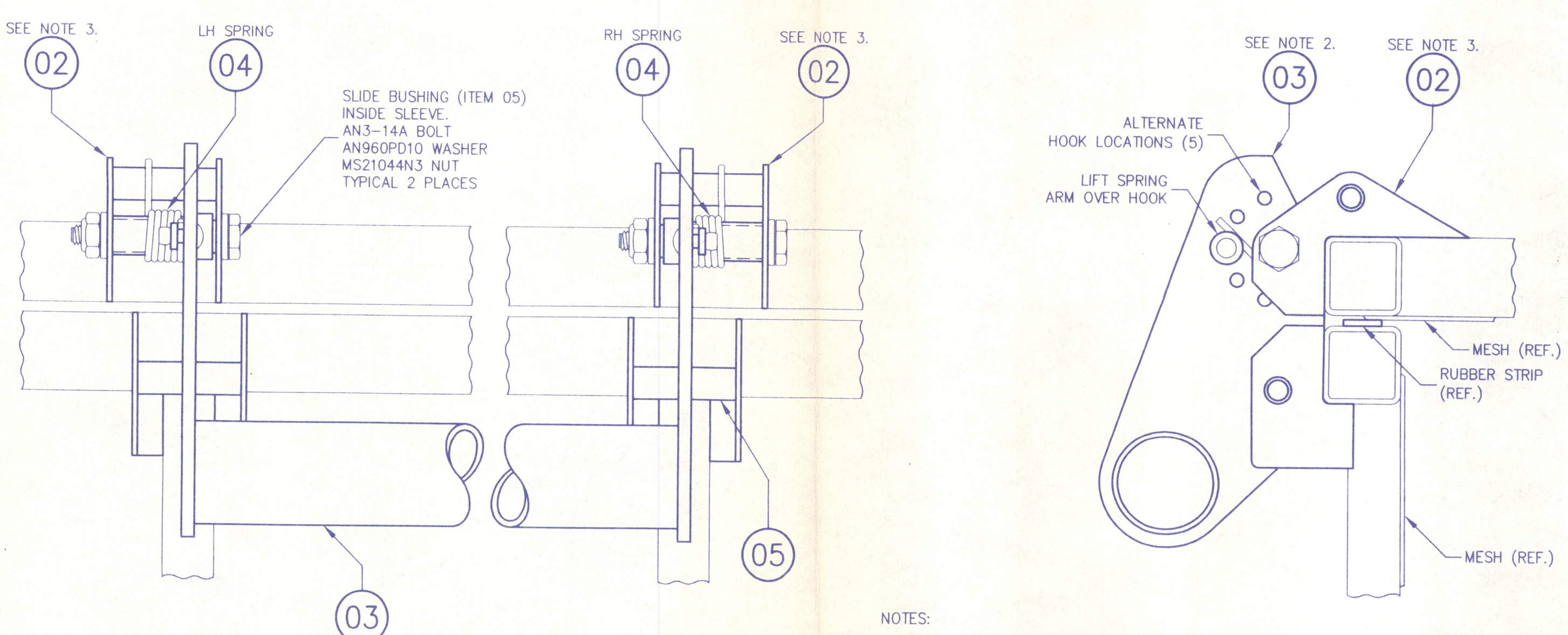


- NOTES:
- ADJUST ON ASSEMBLY AS REQUIRED TO FIT HANDLE.
 - REMOVE ALL BURRS AND SHARP EDGES.
 - WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ROD CONFORMING TO AMS 6457A.

QTY	PART NO.	ITEM	DESCRIPTION
4	36275-02	04	SUPPORT
4	36273-01	03	LID BRACKET
4	36272-01	02	BASKET BRACKET
1	36262-01	01	HANDLE BRACKET ASSY

APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: STEVEN FAHEY	MAR 17/03	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED: E. BURGOIN	MAY 01/03	2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
DECIMALS		ANGLES			
X.XXX ±0.010		±1/2°			
X.XX ±0.03					
X.X ±0.1					
SCALE 1 : 1		DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 1		A3	36262	1	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	CHANGED BUSHINGS	STF	JUN 03/04



- NOTES:
- REFER TO DRAWING 36261 FOR ASSEMBLY DETAILS OF HANDLE BAR.
 - REFER TO DRAWING 36262 FOR LOCATION OF BRACKETS.

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL
6	AN3-14A		BOLT	
12	AN960PD10		WASHER	
6	MS21044N3		NUT	
2	36275-01	05	BUSHING	
2	36278-01	04	SPRING (1 LH, 1 RH)	
1	36261-01	03	HANDLE BAR ASSEMBLY	
2	36262-01	02	HANDLE BRACKET ASSEMBLY	
2	36255-01	01	HANDLE INSTALLATION	

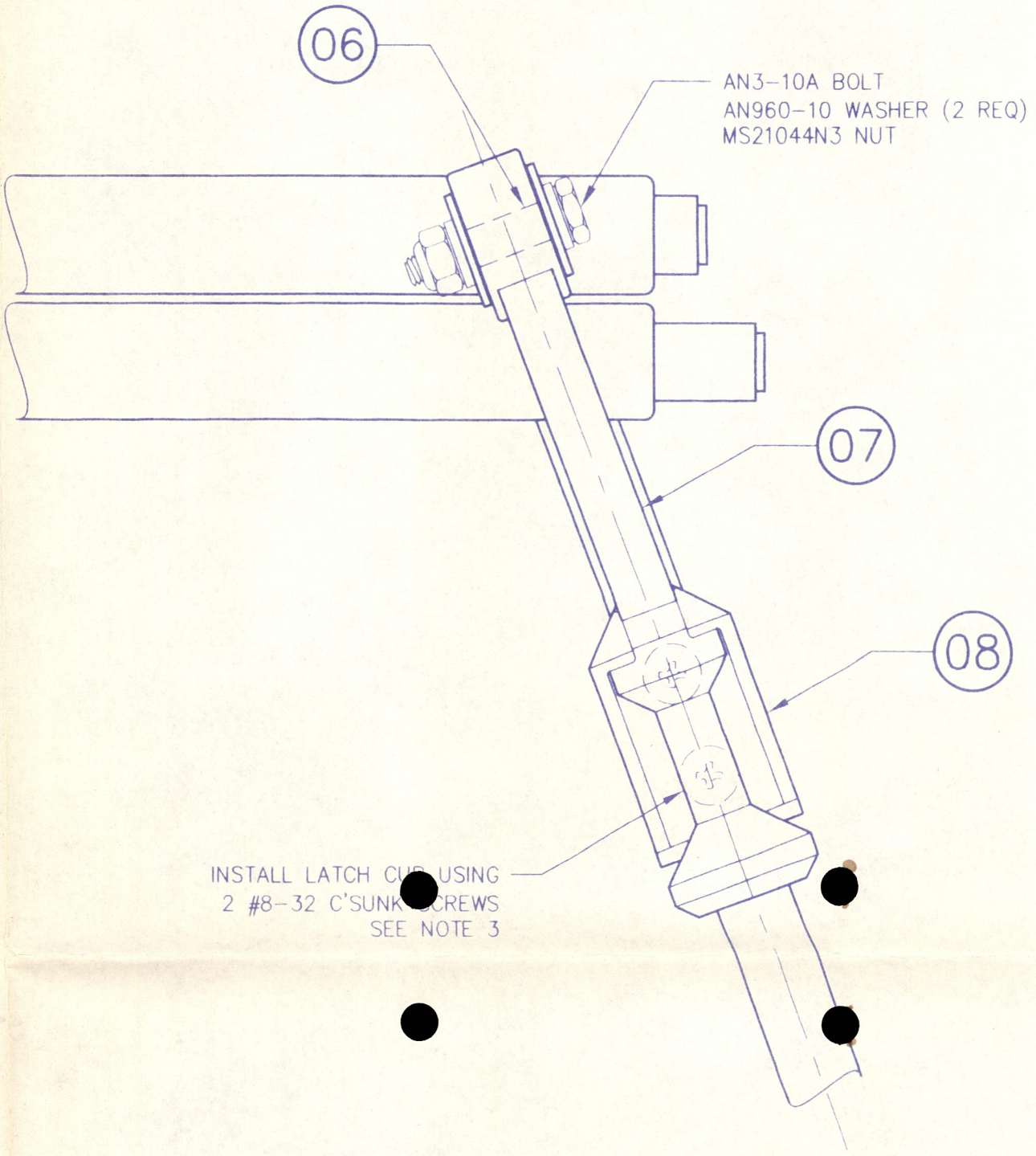
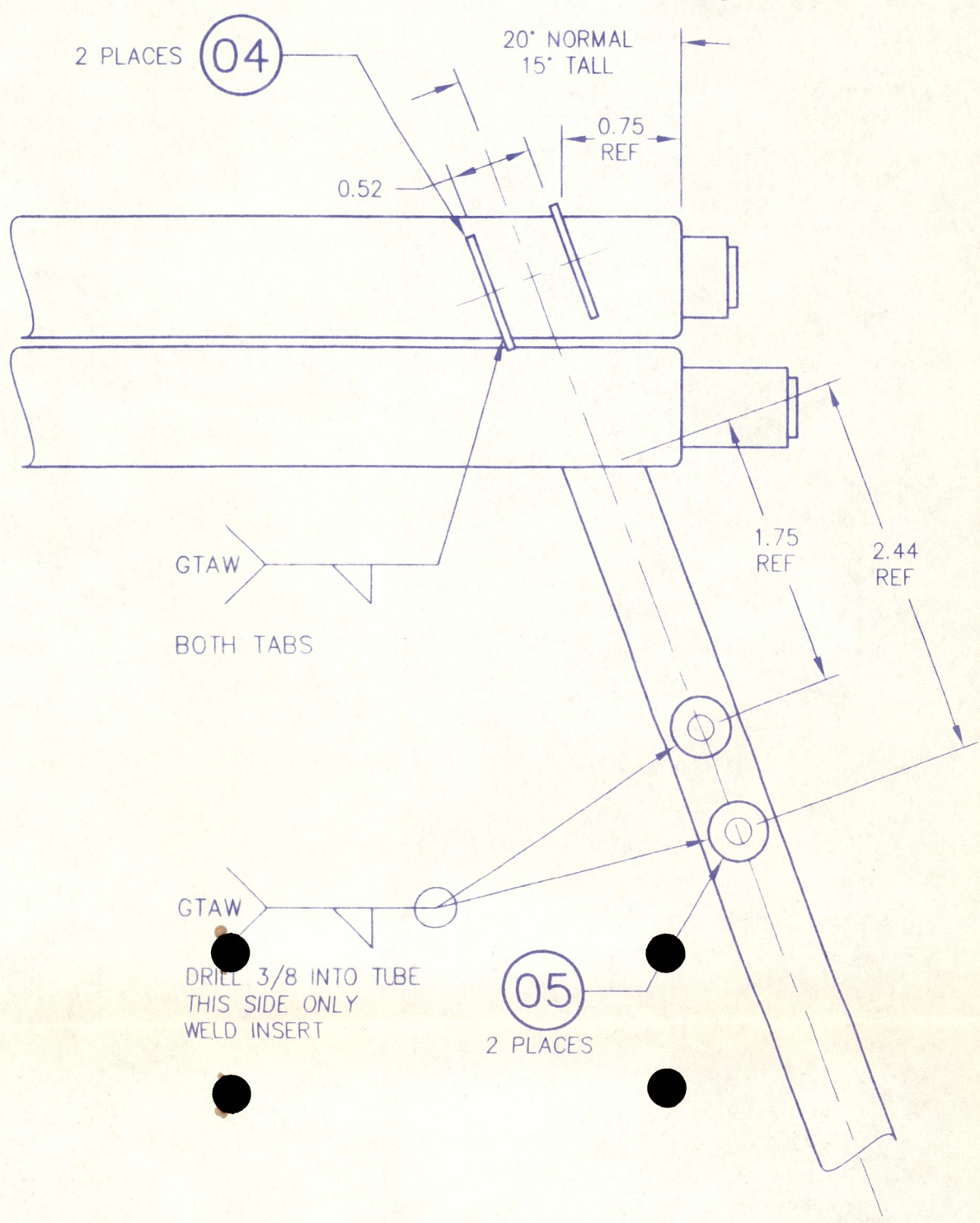
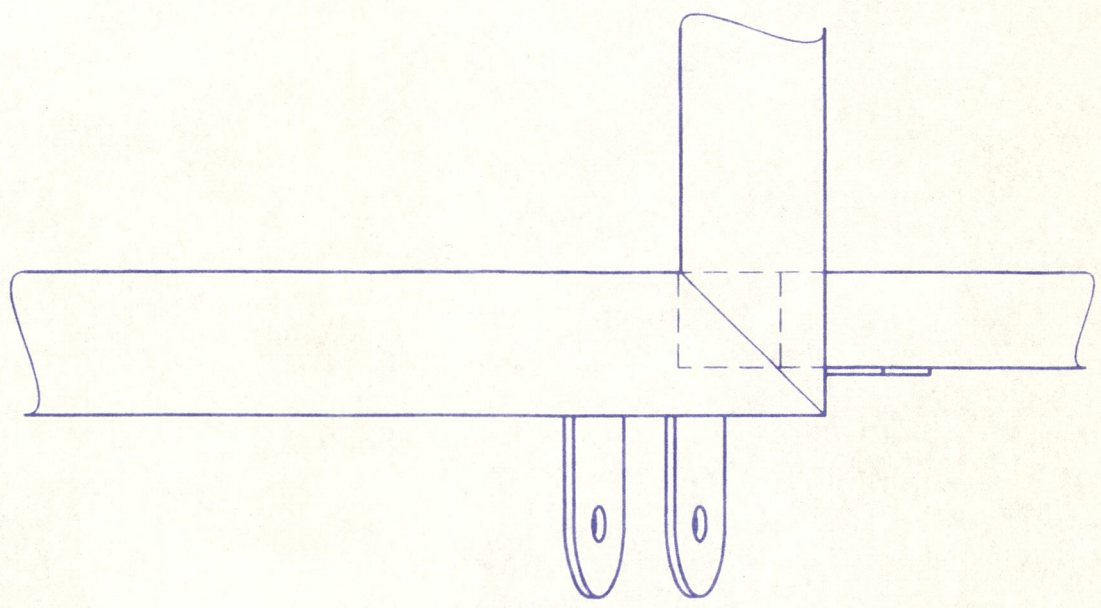
APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: STEVEN FAHEY	MAR 17/03	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED: E. BURGOIN	MAY 01/03	2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
DECIMALS		ANGLES			
X.XXX ±0.010		±1/2°			
X.XX ±0.03					
X.X ±0.1					
SCALE 1 : 1		DWG. SIZE	DWG. NO.	REV.	
SHEET 1 OF 1		A3	36255	1	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	*	*	*

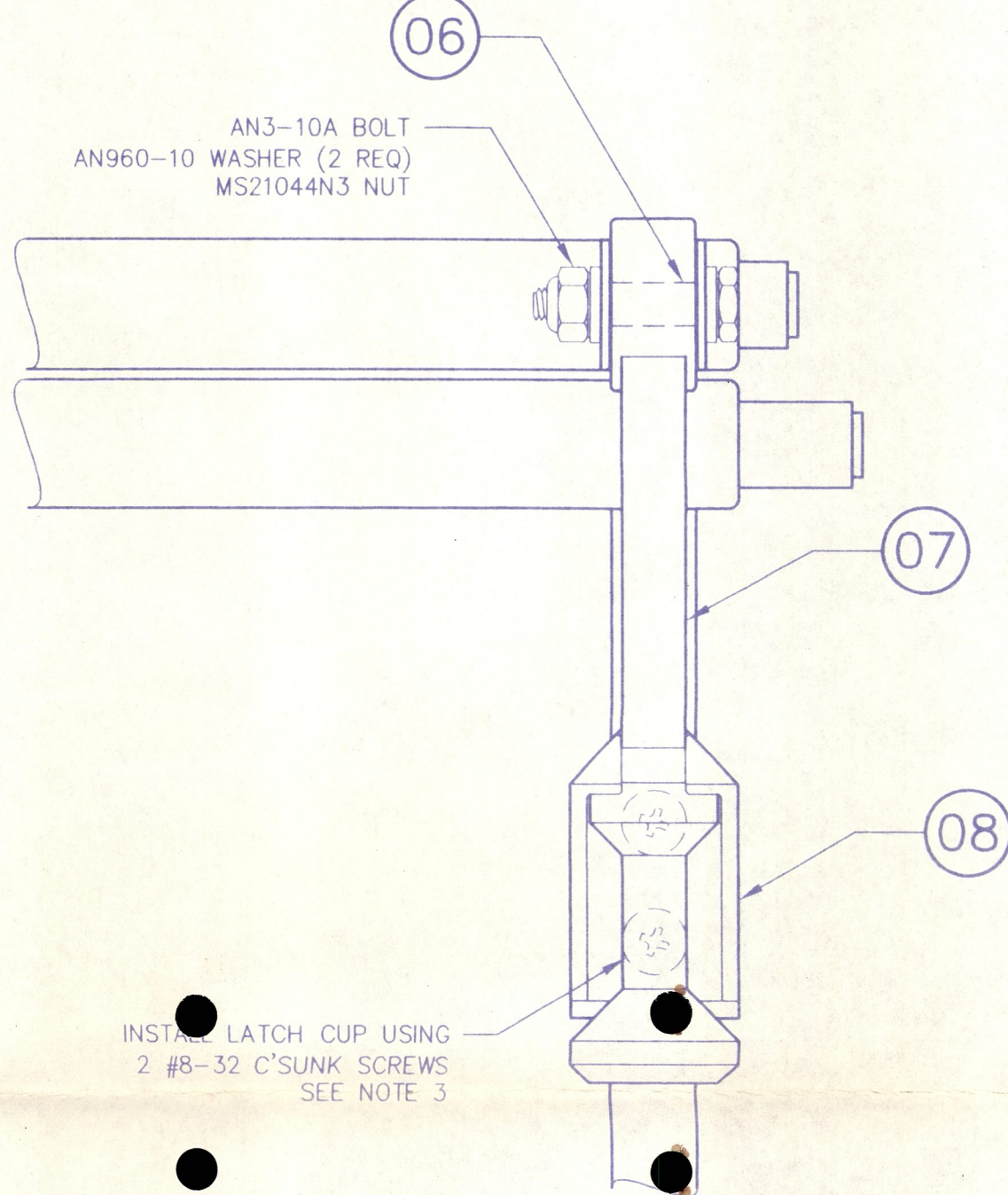
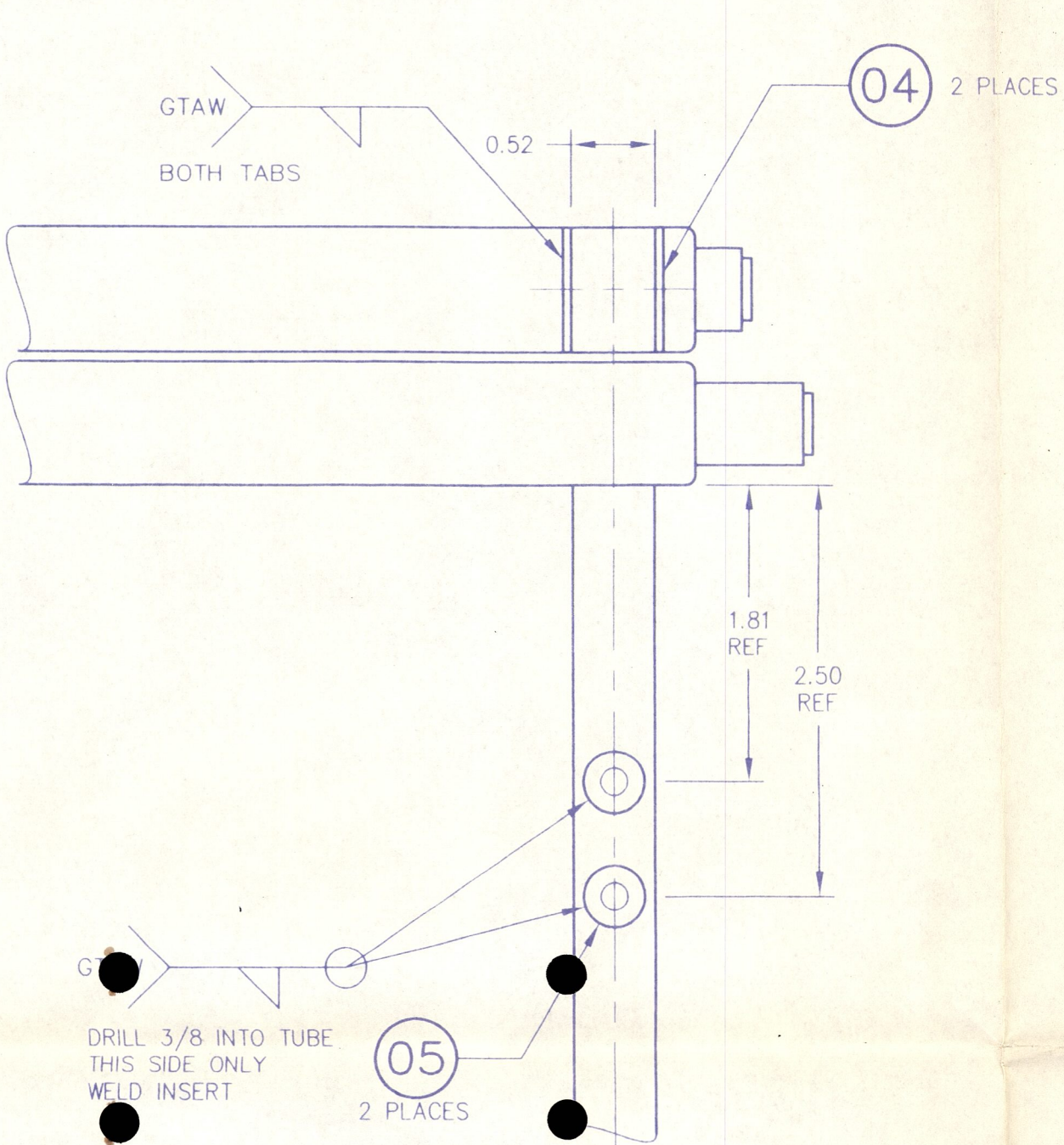
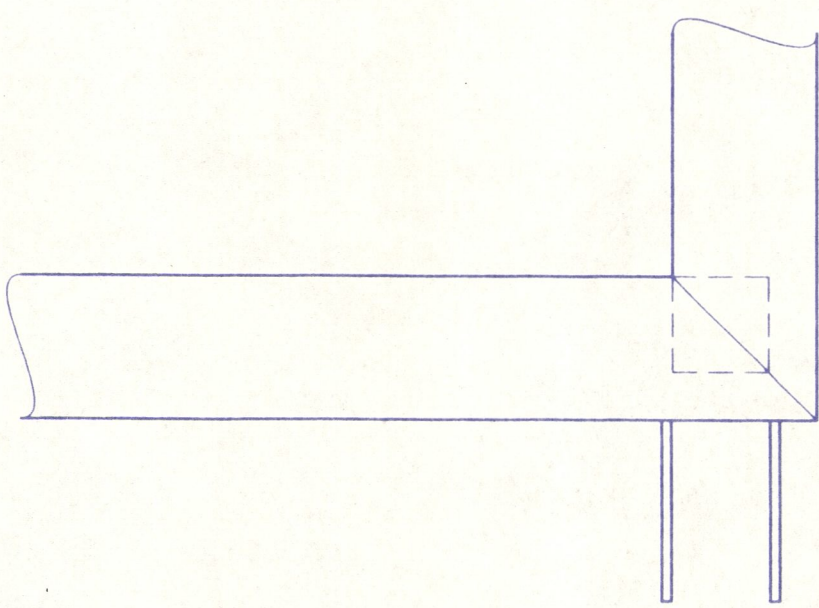
NOTES

1. THIS DRAWING IS AN OPTIONAL CONFIGURATION FOR THE AUXILLIARY LATCH ONLY.
DETAIL A: REMAINDER OF THE BASKET AND LID ASSEMBLIES TO BE IN ACCORDANCE WITH DRAWING 60631 AND 60632.
DETAIL B: REMAINDER OF THE BASKET AND LID ASSEMBLIES TO BE IN ACCORDANCE WITH DRAWING 49206 AND 49207 OR 69811 AND 69812 AS APPLICABLE.
2. REMOVE ALL BURRS AND BREAK SHARP EDGES.
3. APPLY LOCTITE 262 OR EQUIVALENT TO #8-32 SCREWS ON INSTALLATION.
4. INSTALL ALL HARDWARE USING STANDARD SHOP PRACTICES AS OUTLINED IN AC43.13-1B, CHAPTER 7 "AIRCRAFT HARDWARE, CONTROL CABLES, AND TURNBUCKLES" OR STANDARD AIRCRAFT WORKERS MANUAL, SECTION 7 "SHOP PRACTICES".



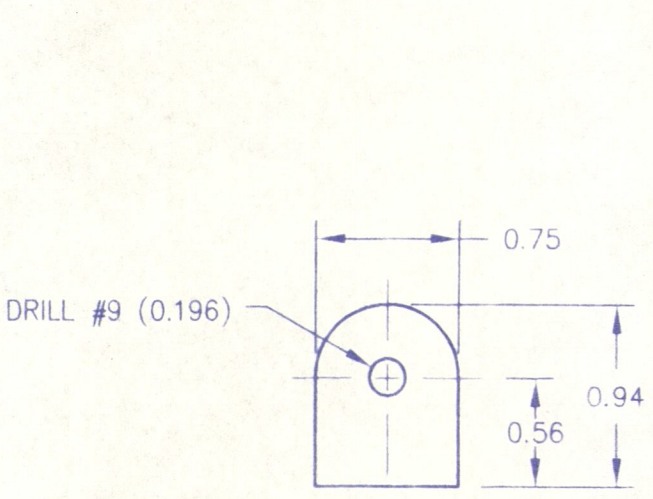
DETAIL A

HIGH BASKET AUXILIARY LATCH INSTALLATION

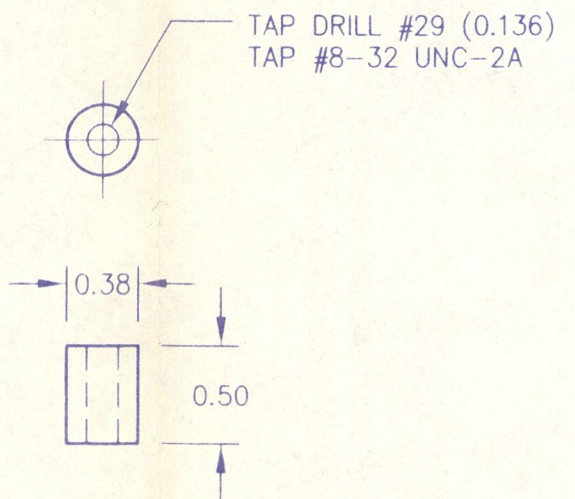


DETAIL B

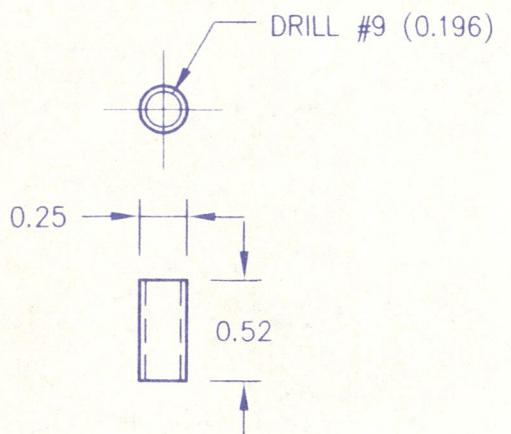
LOW AND QUICK RELEASE BASKET AUXILIARY LATCH INSTALLATION



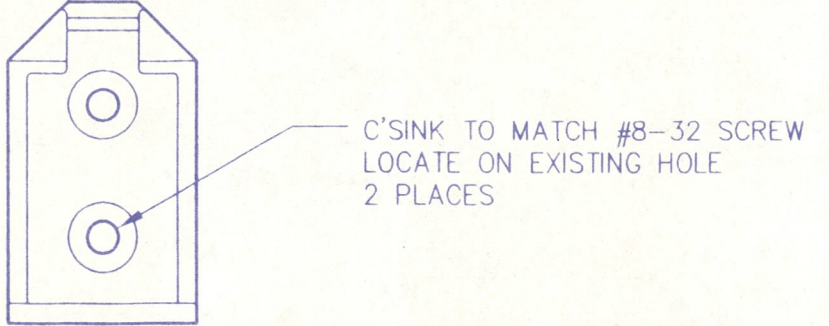
04 TAB



05 INSERT



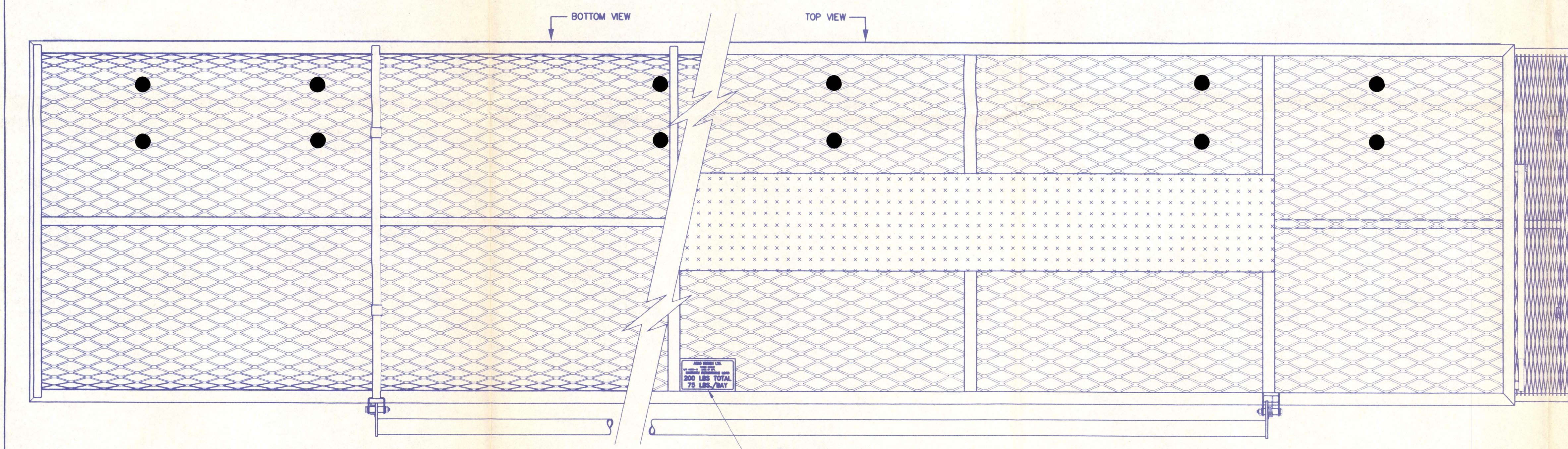
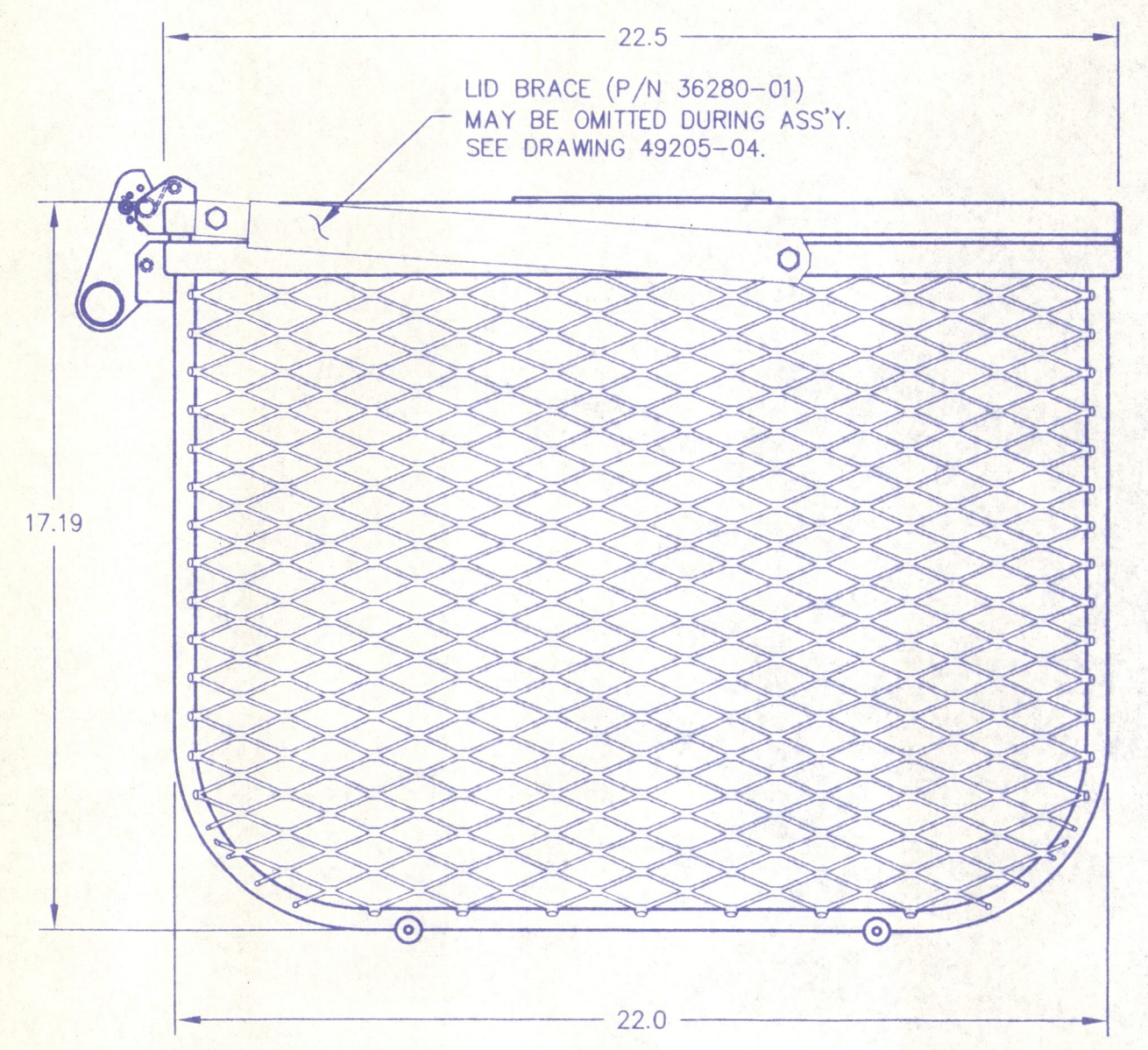
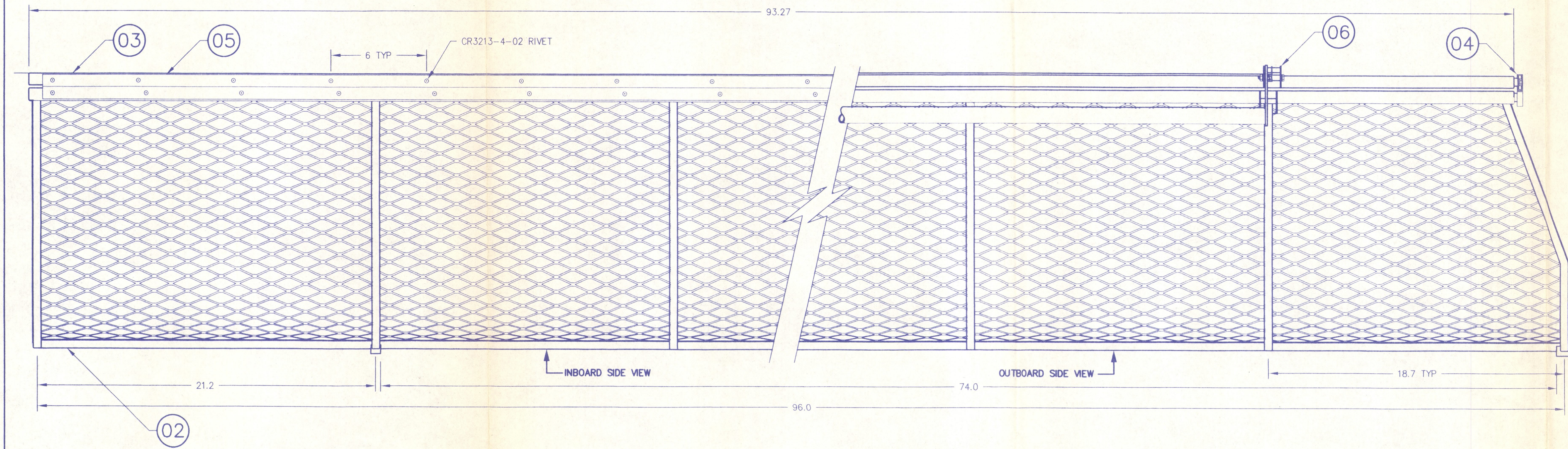
06 BUSHING



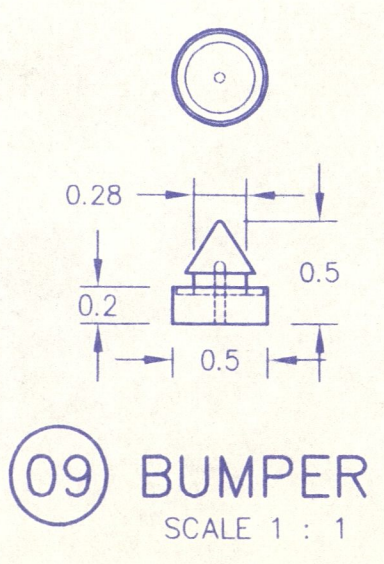
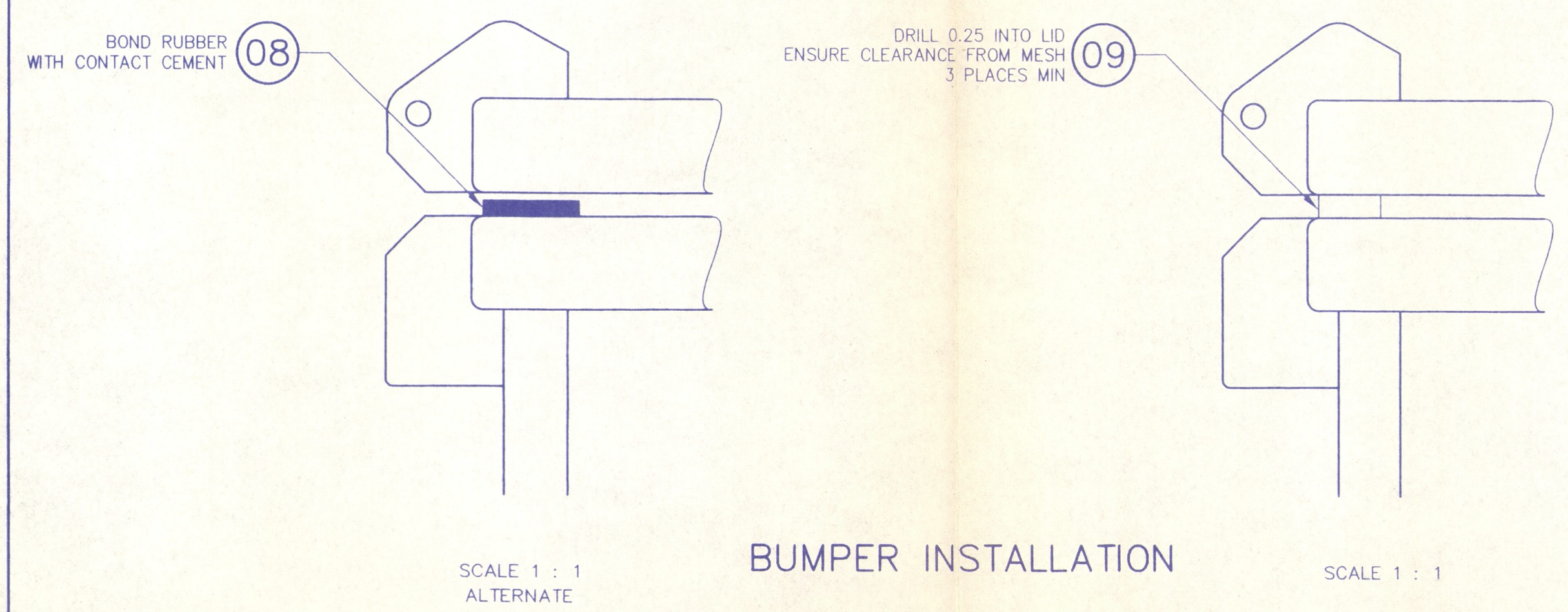
08 LATCH CUP

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
2		#8-32 SCREW		STAINLESS STEEL	COMMERCIAL	
1	MS21044N3	NUT				
2	AN960-10	WASHER				
1	AN3-10A	BOLT				
1	0115-307	08 LATCH CUP		ARCTIC CAT		
1	0115-306	07 LATCH CORD		ARCTIC CAT		
1	60650-06	06 BUSHING		BRASS	COMMERCIAL	0.25 OD ROD
2	60650-05	05 INSERT		MILD STEEL	4130 STEEL COND. N	0.375 OD ROD
2	60650-04	04 TAB				0.050 SHEET
1	69812-01	03 BASKET LID ASSEMBLY (ALTERNATE)				
1	49207-01	03 BASKET LID ASSEMBLY (ALTERNATE)				
1	60632-01	03 BASKET LID ASSEMBLY				
1	69811-01	02 BASKET BODY ASSEMBLY (ALTERNATE)				
1	49206-01	02 BASKET BODY ASSEMBLY (ALTERNATE)				
1	60631-01	02 BASKET BODY ASSEMBLY				
1	70403-01	01 AUXILIARY LATCH INSTALLATION				

	APPROVALS		DATE		<div>AERO DESIGN LTD.</div> <div>CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net</div>					
	DRAWN:	JEFF CLARKE	10 FEB 2006							
	CHECKED:	E. BURGON								
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2" X.XX ±0.03 X.X ±0.1				BELL 206L SERIES AND 407 CARGO BASKET AUXILIARY LATCH MODIFICATION					
					SCALE 1 : 1		DWG. SIZE	DWG. NO.	REV.	
					SHEET 1 OF 1		A1	70403	0	



NOTE:
1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.



QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL
2	MS21044N3		NUT	
A/R	AN960-10L		WASHER	
2	AN3-14		BOLT	
A/R	49205-14	09	BUMPER	ARGUS INDUSTRIES
A/R	49205-13	08	PAD	NEOPRENE RUBBER
1	49218-01	07	PLACARD	
1	36255-01	06	HANDLE BAR INSTALLATION	
1	MS20001P4	05	PIANO HINGE	
1	36256-01	04	BRACE INSTALLATION	
1	60632-01	03	LID ASSEMBLY	
1	60631-01	02	BASKET BODY ASSEMBLY	
1	60630-01	01	CARGO BASKET ASSEMBLY	

LIST OF MATERIALS

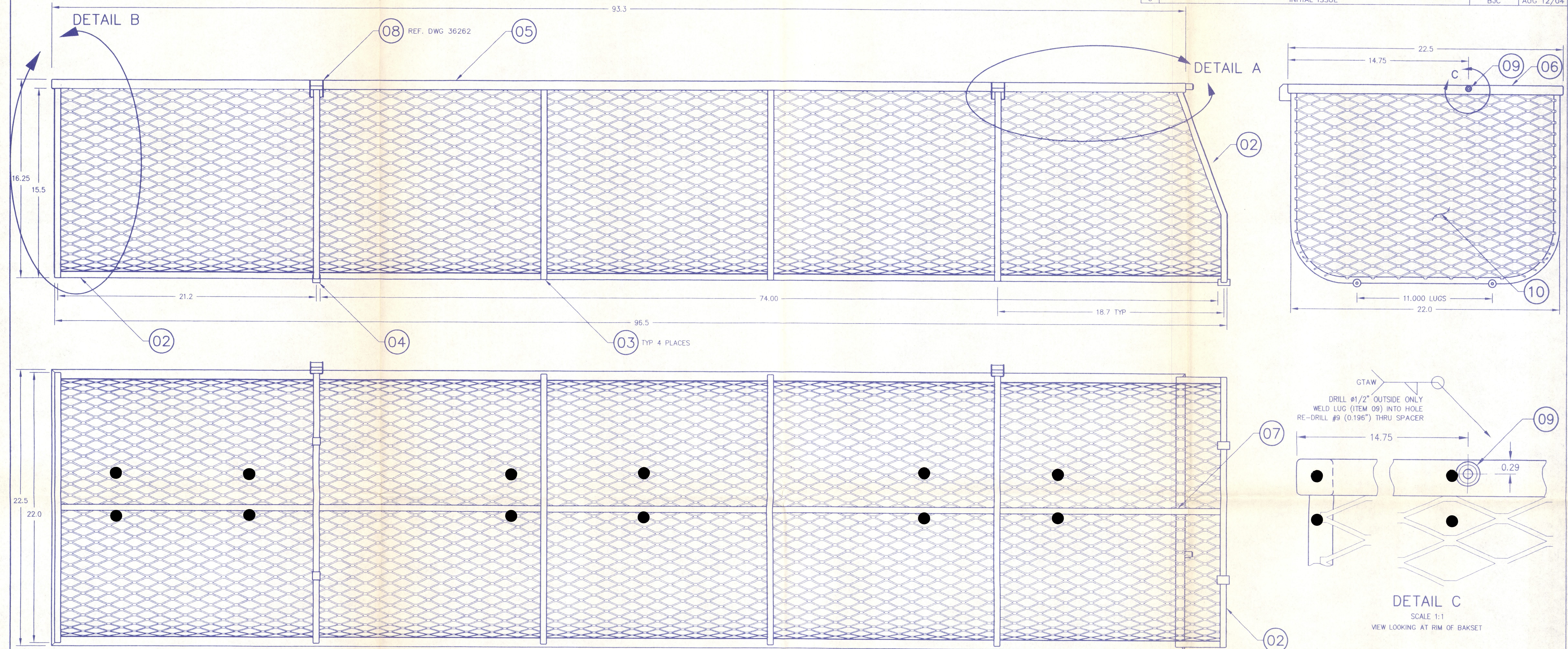
APPROVALS	DATE
DRAWN: JEFF CLARKE	11 AUG 2004
CHECKED: E. BURGAIN	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
DECIMALS ANGLES
X.XXX ±0.010
X.XX ±0.03
X.X ±0.1
±1/2°

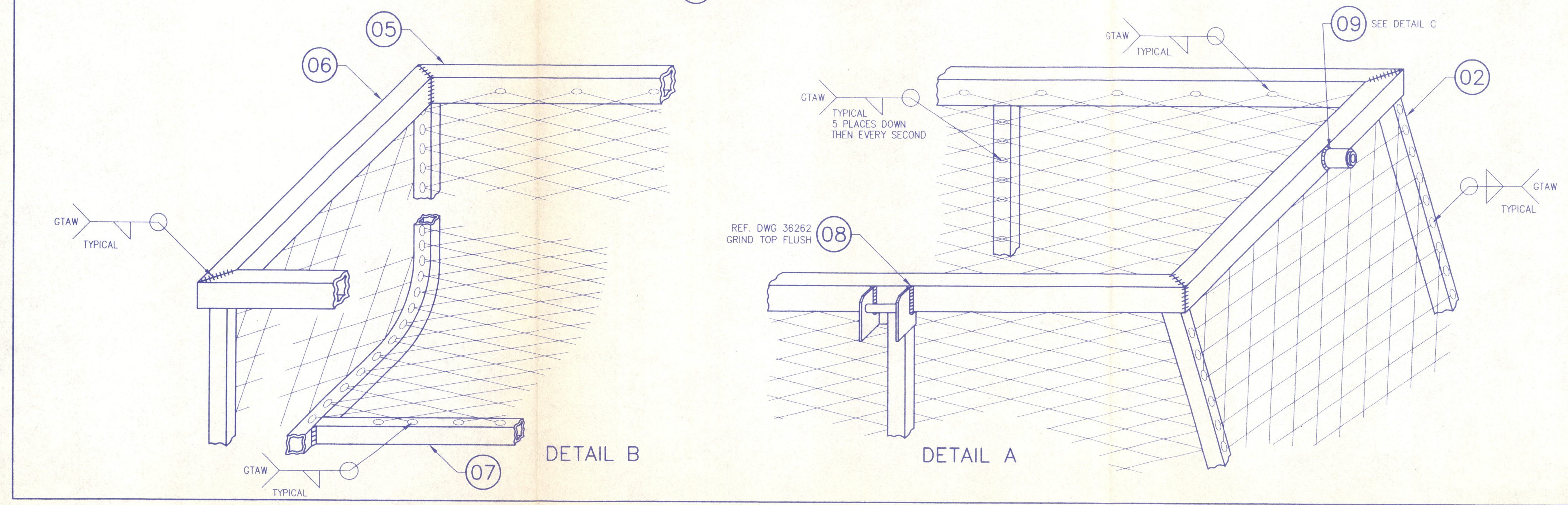
AERO DESIGN LTD.
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M
2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7
tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net

**BELL 407, 206L SERIES
HIGH SIDE MOUNTED CARGO BASKET
CARGO BASKET ASSEMBLY**

SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	60630	0



01 BASKET BODY ASSEMBLY

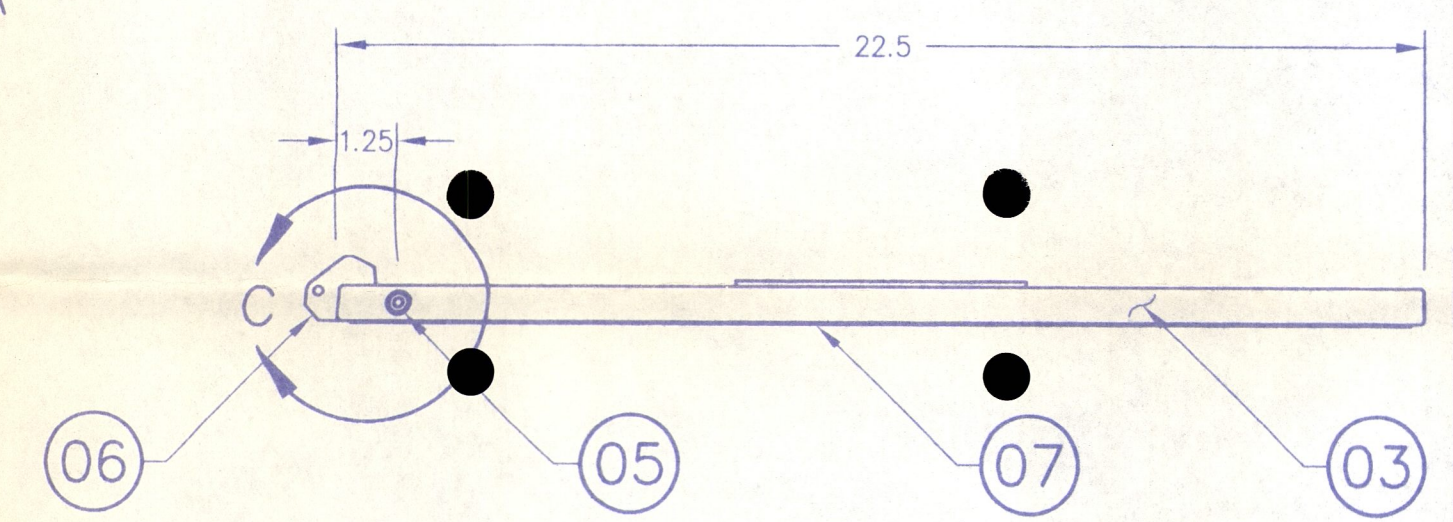
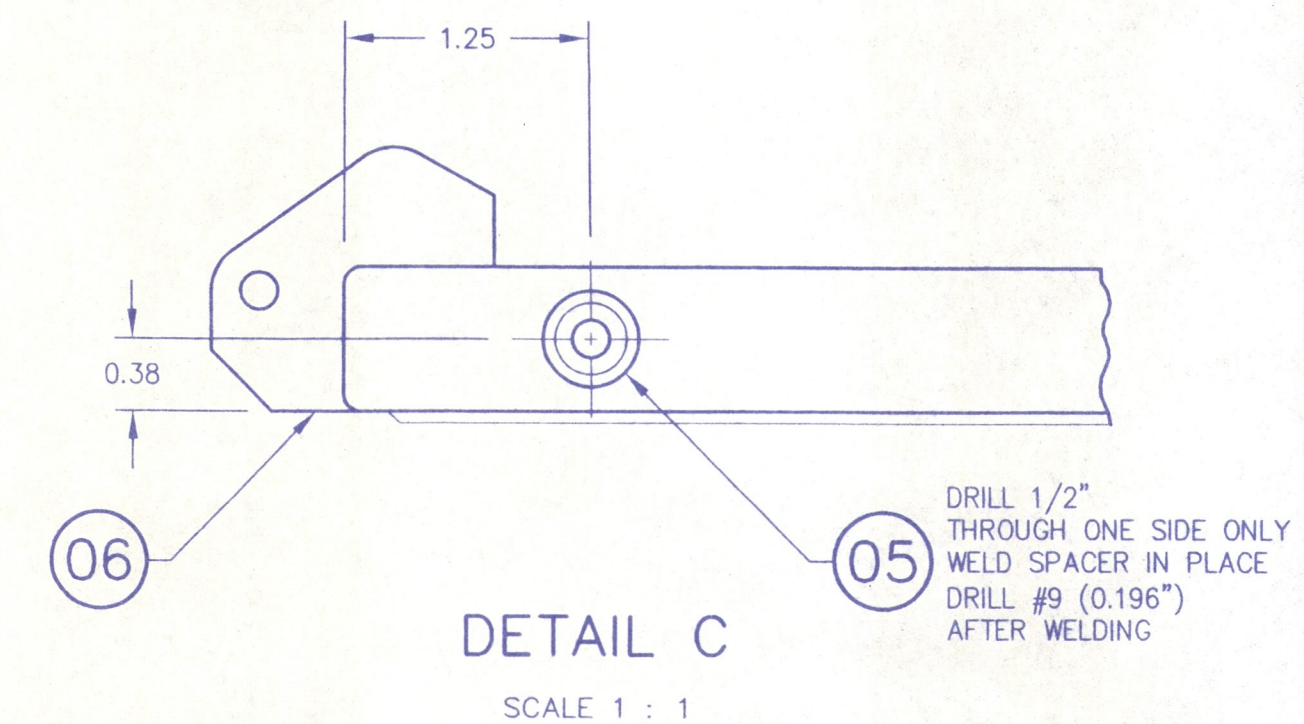


- NOTES:
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
 2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
 3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.

A/R	3/4-16F	10	MESH	4' x 8' SHEET	16 GAUGE
1	49215-01	09	LUG		
1	36262-01	08	HANDLE BRACKET ASS'Y		
5	60643-01	07	SPINE		
2	49212-01	06	RIM		
2	60640-01	05	RIM		
1	60642-01	04	ATTACHMENT HOOP		
4	60649-01	03	HOOP		
1	60641-01	02	END HOOP ASS'Y		
	60631-01	01	BASKET BODY ASSEMBLY		
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.
QTY.	LIST OF MATERIALS				

APPROVALS		DATE	<div>AERO DESIGN LTD.</div> <div>CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA. T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net</div>		
DRAWN: JEFF CLARKE		12 AUG 2004			
CHECKED: E. BURGOIN					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1			BELL 407, 206L SERIES HIGH SIDE MOUNTED CARGO BASKET CARGO BASKET BODY ASSEMBLY		
SCALE 1 : 4		DWG. SIZE	DWG. NO.		REV.
SHEET 1 OF 1		A1	60631		0

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		



The image contains two technical drawings of a structural joint, labeled Detail B and Detail A.

DETAIL B LOOKING AT BOTTOM

This drawing shows the bottom view of a structural joint. It features a rectangular plate (03) with a diamond mesh pattern, supported by a base plate (02). The joint is formed by a T-joint (08) where a vertical plate (04) meets the base plate. The joint is welded using GTAW (Gas Tungsten Arc Welding) with typical welds (01) and a typical grind flush with the edge (05). The joint is labeled with callouts 02, 03, 04, 05, 06, 07, 08, and 09.

DETAIL A LOOKING AT TOP

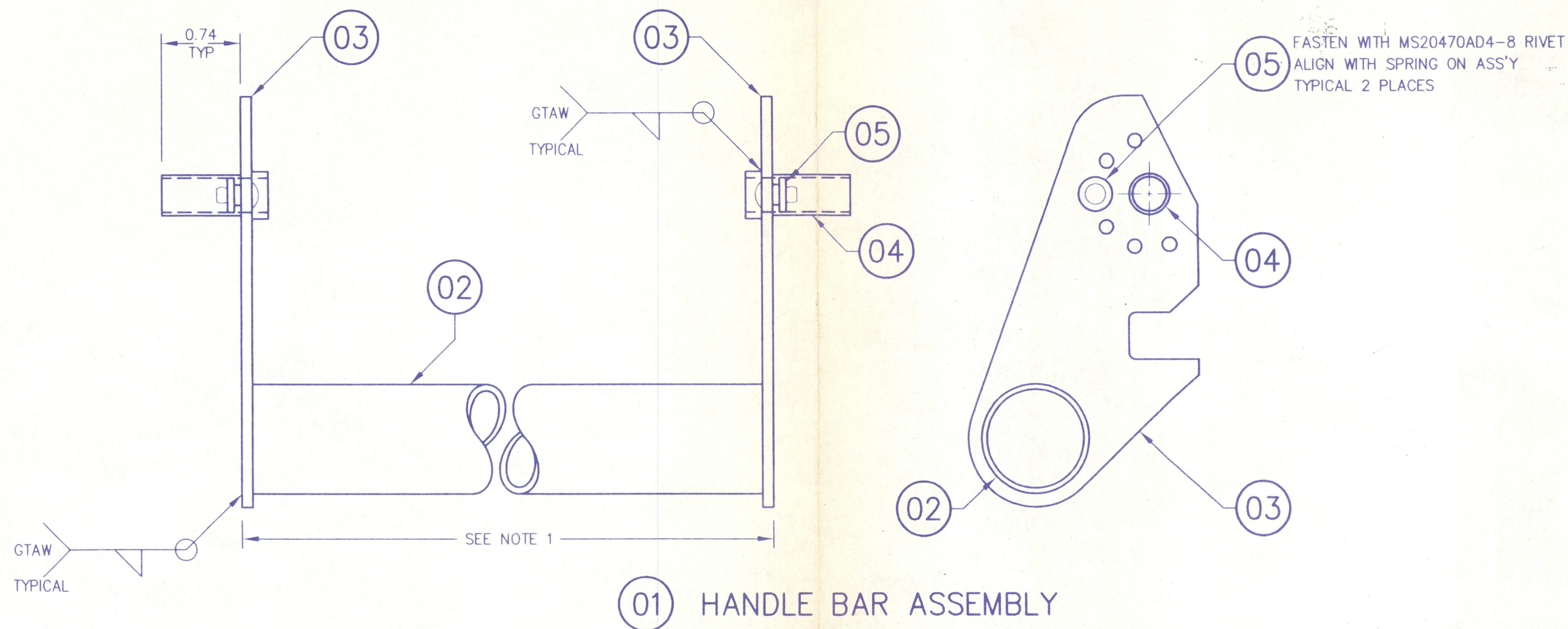
This drawing shows the top view of the same structural joint. It features a rectangular plate (03) with a diamond mesh pattern, supported by a base plate (02). The joint is formed by a T-joint (08) where a vertical plate (04) meets the base plate. The joint is welded using GTAW (Gas Tungsten Arc Welding) with typical welds (01) and a typical grind flush with the edge (05). The joint is labeled with callouts 02, 03, 04, 05, 06, 07, 08, and 09.

REF. DWG. 36262

A/R	60632-10	10	TREAD PLATE	ALUMINUM	COMMERCIAL
6	60649-01	09	STEP BRACE		
A/R	3/4-16F	08	MESH	4' x 8' SHEET	16 GAUGE
1	36204-10	07	PLACARD BRACKET		
1	36262-01	06	UPPER HANDLE BRACKET ASS'Y		
1	49216-01	05	LUG		
4	49213-01	04	LID BRACE		
2	49212-01	03	RIM		
2	60640-01	02	RIM		
	60632-01	01	BASKET LID ASSEMBLY		
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.
QTY.	LIST OF MATERIALS				

APPROVALS		DATE		AERO DESIGN LTD. CONTRACT ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
DRAWN:	JEFF CLARKE	12 AUG 2004					
CHECKED:	E. BURGOIN						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE INCHES. TOLERANCES ON:				BELL 407, 206L SERIES HIGH SIDE MOUNTED CARGO BASKET CARGO BASKET LID ASSEMBLY			
DECIMALS		ANGLES					
X.XXX ±0.010		±1/2"					
X.XX ±0.03							
X.X ±0.1							
SCALE 1 : 4		DWG. SIZE		DWG. NO.		REV.	
SHEET 1 OF 1		A1		60632		0	

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	LOW BASKET CONFIGURATION	STF	JUN 03/04



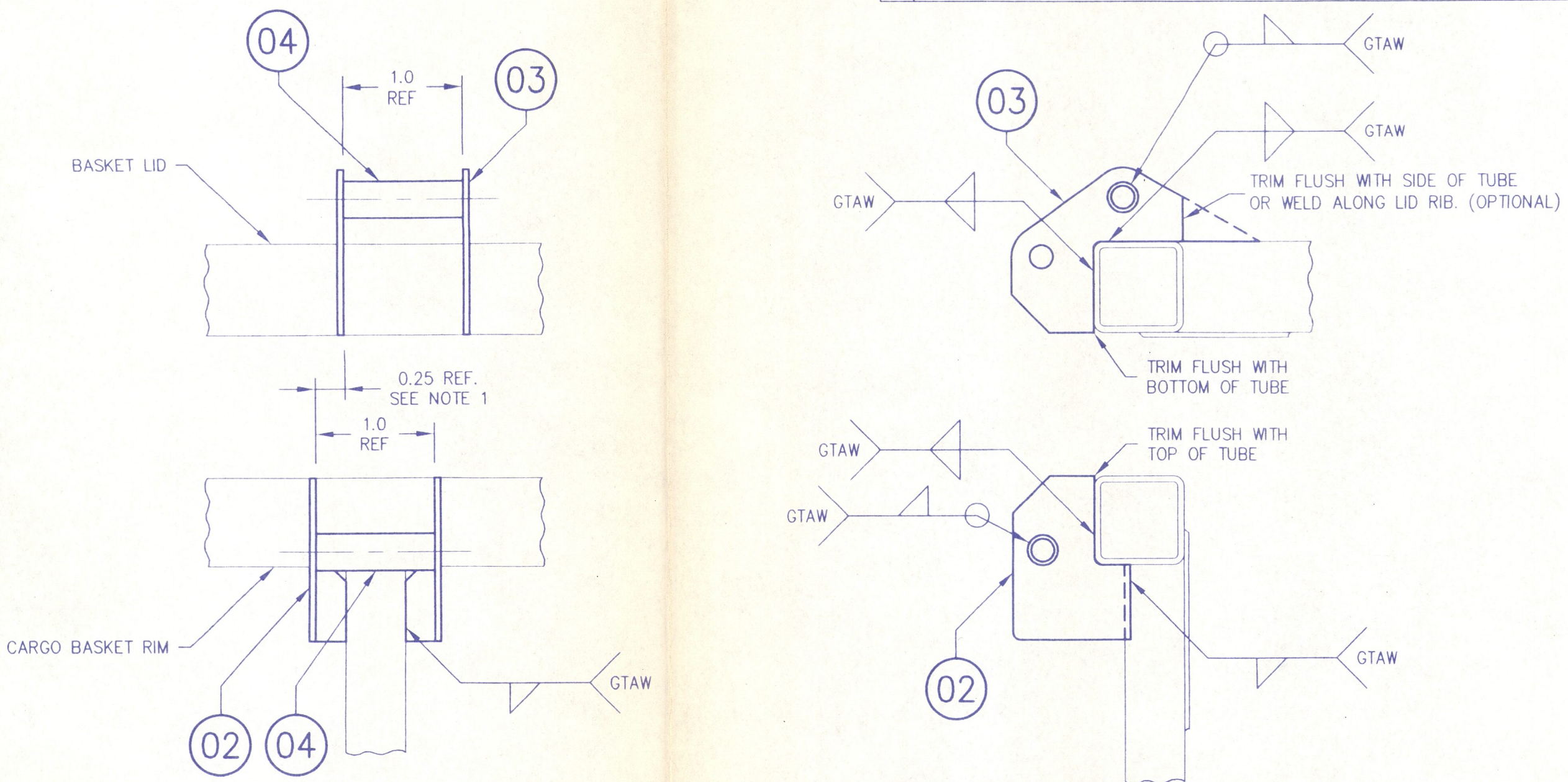
- NOTES:
1. LENGTH OF HANDLE TO BE DETERMINED AS APPROPRIATE TO BASKET TYPE.
 2. REMOVE ALL BURRS AND SHARP EDGES.
 3. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ER308L ROD.

HIGH-MOUNTED BELL 407:	62.25" (REF.)
LOW-MOUNTED BELL 206L & 407:	36.50" (REF.)
BELL 206B:	16.0" (REF.)
AEROSPATIALE AS350:	56.75" (REF.)

QTY	PART NO.	ITEM	DESCRIPTION
2	36276-01	05	HOOK
2	36274-01	04	BUSHING
2	36271-01	03	LEVER
1	36277-01	02	HANDLE BAR
1	36261-01	01	HANDLE BAR ASSY

APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: STEVEN FAHEY	MAR 17/03	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED: E. BURGOIN	MAY 01/03	2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		HELICOPTER CARGO BASKET HANDLE BAR ASSEMBLY			
DECIMALS	ANGLES	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
X.XXX ±0.010	±1/2°	1	A3	36261	1
X.XX ±0.03		SHEET 1 OF 1			
X.X ±0.1					

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	CHANGED BUSHINGS	STF	JUN 03/04

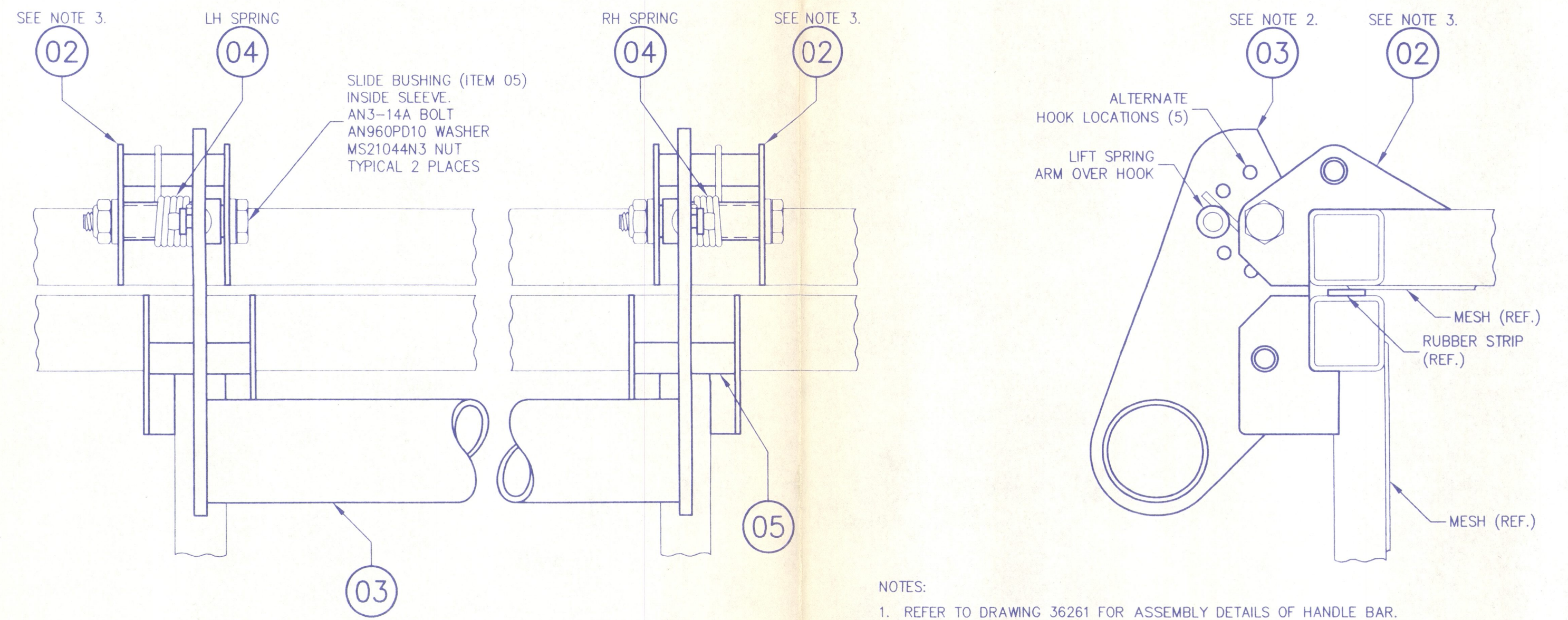


- NOTES:
1. ADJUST ON ASSEMBLY AS REQUIRED TO FIT HANDLE.
 2. REMOVE ALL BURRS AND SHARP EDGES.
 3. WELDING TO BE COMPLETED BY GTAW METHOD TO AMS2685C USING ROD CONFORMING TO AMS 6457A.

QTY	PART NO.	ITEM	DESCRIPTION
4	36275-02	04	SUPPORT
4	36273-01	03	LID BRACKET
4	36272-01	02	BASKET BRACKET
1	36262-01	01	HANDLE BRACKET ASSY

APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: STEVEN FAHEY	MAR 17/03	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED: E. BURGOIN	MAY 01/03	2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		HELICOPTER CARGO BASKET HANDLE BRACKET ASSEMBLY			
DECIMALS	ANGLES	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
X.XXX ±0.010	±1/2°	1	A3	36262	1
X.XX ±0.03		SHEET 1 OF 1			
X.X ±0.1					

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE - CREATED FROM 36210	STF	MAR 17/03
1	CHANGED BUSHINGS	STF	JUN 03/04



- NOTES:
1. REFER TO DRAWING 36261 FOR ASSEMBLY DETAILS OF HANDLE BAR.
 2. REFER TO DRAWING 36262 FOR LOCATION OF BRACKETS.

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL
6	AN3-14A		BOLT	
12	AN960PD10		WASHER	
6	MS21044N3		NUT	
2	36275-01	05	BUSHING	
2	36278-01	04	SPRING (1 LH, 1 RH)	
1	36261-01	03	HANDLE BAR ASSEMBLY	
2	36262-01	02	HANDLE BRACKET ASSEMBLY	
1	36255-01	01	HANDLE INSTALLATION	

APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: STEVEN FAHEY	MAR 17/03	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M			
CHECKED: E. BURGOIN	MAY 01/03	2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		HELICOPTER CARGO BASKET HANDLE BAR INSTALLATION			
DECIMALS	ANGLES	SCALE 1 : 1	DWG. SIZE	DWG. NO.	REV.
X.XXX ±0.010	±1/2°	1	A3	36255	1
X.XX ±0.03		SHEET 1 OF 1			
X.X ±0.1					